

4-204

1/12/2000

1 of 8

JAN 12 2000

Bonide Products, Inc.  
c/o Ms. Becky Horton  
Registrations by Design Inc.  
118 1/2 E. Main Street, Ste. 1  
Salem, VA 24153

Dear Ms. Horton:

Subject: Amendments - Add uses to match Novartis'  
Diazinon Garden Insect Dust label,  
Additional Brand Name, and  
Update Confidential Statement of Formula  
Bonide Ant Dust with Diazinon  
EPA Registration Number 4-204  
Your CSF dated June 24, 1999 and your submissions  
dated November 30, 1999 and January 12, 2000

The amendments referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), are 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. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a) On the front panel, delete the following proposed additional claims: "Gentle to Most Plants", "It's the least you can do for your Garden", "Kills the most Troublesome Insects which Destroy Gardens, Roses, Flowers, Trees, and Shrubs".
  - b) In the Hazards to Humans and Domestic Animals text, add "sensitization" after "May cause".
  - c) In the Vegetables and Melons table, revise the Days to Wait Between Applications entry for Peas to read 5 rather than 7, and revise the entry for Peppers to read 7 rather than 5.

- d) The Agency notes that you have copied the rate of application for Foundation Treatment from the Novartis label despite the fact that their product is 2% and yours is 1%.
  - e) In the paragraph on Tick Control, add "may" before "transmit Lyme Disease".
  - f) In the directions for Fire Ant Mounds, replace the period after "areas" with a comma and use a lower case letter for the beginning of "Apply" and for "Over". Likewise, use a lower case letter to begin "Of" (i.e., in "Of water"). Also, the Agency notes that you have copied the rate of application for this use from the Novartis label despite the fact that their product is 2% and yours is 1%.
  - g) In the Indoor Application directions, delete "Resistant and Non-Resistant" before "Cockroaches (Waterbugs)".
  - h) In the Indoor Application directions, delete the heading "Outdoors" and the associated directions for use on ants and clover mites. These pests are included in the new Outdoor Nuisance Pests Around the Home directions.
  - i) The outdoor use directions for control of Box Elder Bugs and Ants and Digger Wasps would be better located in the new Outdoor Nuisance Pests Around the Home directions.
3. Submit three (3) 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. The Agency's records will be adjusted to include the new additional brand name "Bonide Eight Dio-Dust". The updated Basic Confidential Statement of Formula (CSF) dated June 24, 1999 has been added to this product's registration file as the current Basic formula of record.

Sincerely,

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

Best Available copy - faked original

3 of 8



ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
JAN 12 2000

# ANT DUST WITH DIAZINON

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
4-204

[Additional Brand Name: **BONIDE** <Eight> Dio-Dust]

## Ready to Use Household Insecticide

- Easy to Use
- Kills Ants, Spiders, Roaches, and other Household Insects Listed on Back Panel.
- For Indoor and Outdoor Household Use
- Low Odor
- Kills Insects on Listed Roses & Flowers, Fruit, Vegetables, Ornamentals
- Gentle to Most Plants
- For Use in & around the house and Garden
- It's the least you can do for your Garden
- Kills the most Troublesome Insects which Destroy Gardens, Roses, Flowers, Trees and Shrubs
- Also kills ticks which may transmit Lyme disease

EPA Reg. No. 4-204

EPA Est. No. 4-NY-1

**ACTIVE INGREDIENT:**

DIAZINON CAS # 333-41-5	1.00%
OTHER INGREDIENTS	99.00%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
 See back panel for additional precautionary statements.

NET WEIGHT \_\_\_\_\_

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. May cause following repeated contact with skin of sensitive individuals. If sensitization reactions result, contact a physician.

People and pets may enter treated area after dust has settled.

**FIRST AID**

**If on skin:** Wash with plenty of soap and water. Get medical attention. **If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention.

**Note to Physician:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not apply directly to water. Do not contaminate ornamental fishponds. This product is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming plants if bees are 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.

Failure to follow the directions for use and precautions on this label may result in poor pest control, plant injury, or illegal residues.

Note: Do not use inside the home or in a greenhouse. Do not use on humans or animals.

**STORAGE AND DISPOSAL**

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

**Container Disposal:** Wrap container in newspaper and place in trash collection.

**For Dusting:** 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. Follow specific timing and special directions listed on each chart.

**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.

Eight Insect Control Dio-Dust quickly kills insects, mites, and other pests listed on this label which damage roses, flowers, shrubs, vegetables, and small fruits, as well as nuisance pests outdoors which can enter the home.

**KILLS:** Ants, Aphids, Cabbageworms, Cucumber Beetles, Leafhoppers, Mites, Tent Caterpillars, Ticks (including ticks that may transmit Lyme Disease), Whiteflies, and other garden and nuisance pests listed in the directions for use.

**HELPS TO CONTROL:** Fire Ants

**WHERE TO USE:** On Roses, Flowers, Shrubs, Vegetables and Small Fruits; Around the House Foundation; Fire Ant Mounds.

**IN THE GARDEN** (to Kill Soil Insects Before Planting Vegetables)  
Kills: Cutworms, Mole Crickets, Root Maggots, and Wireworms (when treating for wireworms on beans, use only on snap beans.)

**PLANTS/VEGETABLES**

Beans\* ( Lima, Pole, and Snap), Beets (Red), Cabbage, Carrots, Corn (Sweet), Lettuce, Peas\*, Radishes, Rutabagas, Tomatoes, and turnips

\*Note: This product is registered only for use on fresh beans and peas. Do not use on beans and peas to be eaten when dried (roast beans, split peas, or dried black-eyed peas.)

[For product packaged in a canister (shaker can) omit the text in brackets below.]

**HOW TO APPLY**

(Use a dust applicator such as a shaker can, bulbous duster, or rotary duster.) Dust lightly to cover soil surface with a thin, even film of dust. Immediately mix dust into soil to a depth of:

- 1-2 inches for Mole Crickets
- 2-3 inches for Surface Cutworms and Root Maggots
- 3-6 inches for Cutworms living below the surface
- 4-8 inches for Wireworms

**WHEN TO APPLY/AMOUNT TO USE**

Apply when air is calm to avoid drift and contact eyes and skin.

Pests	Amount	When to Apply to Soil
Cutworms, Wireworms, Root Maggots	1 lb. (16 oz.)/110 sq. ft.	Just before planting vegetables
Mole Crickets	12.5 oz./250 sq. ft.	1-2 days before planting vegetables

**ON ORNAMENTALS, VEGETABLES, AND MELONS (To Kill Foliage Pests)**

**HOW TO APPLY**

(For product packaged in a canister (shaker can) omit the text in brackets below.)

- Apply when air is calm to avoid drift and contact with eyes and skin
- [Use as a dust applicator such as a shaker can bulbous duster, or rotary duster.] Dust lightly to cover upper and lower leaf surfaces with a thin, even film of dust.
- For plants with dense foliage or plants above chest height, consider using a liquid insecticide such as Eight Insect Control Insecticide.

**On Ornamentals Including Roses, Flowers, and Shrubs**

**Kills:** Aphids, Apple and Thorn Skeletonizers, Bagworms, European Pine Sawfly, European Pine Shoot Moths, Flea Beetles, Holly Bud Moths, Hemlock Woolly Adelgid (Hemlock Chermes), Leafrollers (Obliquebanded), Leafhoppers, Dipterous Leafminers (Arborvitae, Azalea, Boxwood, Holly), Mealybugs, Mites (Carnation Bud, Carnation Shoot, Clover, Cyclamen, European red, Privet, Two-spotted Spider Mites), Oak loopers, Obscure Root Weevils, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (Cottony-cushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Thrips, Webworms (Coloncaster, Fall, Juniper, Mimosa), and Whiteflies.

**ORNAMENTAL PLANTS**

Arborvitae, Azaleas, Boxwood, Camellias, Carnations, Chrysanthemums, Euonymus, Gladioli, Hawthorn, Holly, Honey-suckle, Juniper, Lilac, Lillies, Marigolds, Pansies, Pentunias, Rhododendron, Roses, Spirea, Wax Plant (Hoya), Yellowwood, and Yew. (DO NOT use on Ferns, Poinsettia, Hibiscus, Pilea, Gardenia, or Orchids since plant injury may occur.)

**On Vegetables and Melons**

**KILLS:** Aphids, Colorado Potato Beetles, Cucumber Beetles, Diamond-Back Moths, Fall Armyworms, Flea Beetles, Grasshoppers, Imported Cabbageworms, Leafhoppers, Leafminers (Dipterous\*), Mexican Bean Beetles, Onion Thrips, Southern Armyworms, Vinegar Flies (Drosophila spp.), Spider Mites, and Thrips.

\*Note: Diazinon and similar type insecticides will not control resistant leafminers.

Vegetables and Melons	Days to Wait Between Applications	Applications Per Season (maximum)	Days to Wait Between Last Application and Harvest
Beans* (Lime, Pole, and Snap)	5	3	7
Broccoli	7	5	7
Cabbage	7	5	21
Carrots	7	5	14
Cauliflower	7	5	7
Chinese Broccoli	7	5	10
Chinese Cabbage (Bok Choy and Napa)	7	5	10
Collards	7	5	10
Corn (Sweet)	7	5	7
Cucumbers	7	5	7
Endive (Escarole)	7	5	14
Kale	7	5	10
Lettuce	7	5	14
Onions	7	3	14
Parsnips	7	5	14
Peas*	7	3	7
Peppers	5	5	5
Potatoes	7	5	35
Radishes	7	3	14
Rutabagas	7	5	14
Squash (Summer and Winter)	7	5	14
Tomatoes	7	5	1
Turnips	7	5	14
Melons: Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians, and Hybrids of these, and Watermelons	7	5	3

*fresh*

\*Note: This product is registered only for use on ~~fresh~~ beans and peas. Do not use if you plan to grow beans and peas to eat when dried (such as dried limas, split peas, or dried black-eyed peas.)

**ON BERRIES AND GRAPES**

**KILLS:** Aphids, Blueberry Maggots, Fruitworms (Cherry, Cranberry, and Raspberry Fruitworms), Grape Berry Moths, Grape Leafholders, Leafhoppers, Strawberry Leafrollers, Thrips, and Two-spotted Spider Mites.

Berries and Grapes	Days To Wait Between Applications	Applications Per Season (maximum)	Days To Wait Between Last Application and Harvest
Blueberry (CA, OR, WA only), Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	14	2	7
Grapes	7	5	28
Strawberries	7	3	5

**OUTDOOR NUISANCE PESTS AROUND THE HOME**

**KILLS:** Ants, Boxelder, Bugs, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Fire Ants\*, Millipedes, Scorpions, Sowbugs (Pillbugs), Spiders (including Black Widow Spiders), Springtails (Collembola), and Ticks (including ticks that may transmit Lyme Disease).

\*Aids in (Helps to) Control

**HOW & WHEN TO APPLY**

(For product packaged in a canister (shaker can) omit the text in brackets below.)

- Apply when air is calm to avoid drift and contact with eyes and skin.
- (Use a dust applicator such as a shaker can, bulbous duster, or rotary duster.) Dust lightly to cover soil surface with a thin, even film of dust.

**Foundation Treatment**

To keep pests/insects/bugs from entering the house, treat a 2-ft. band of soil around the house next to the foundation. Use 8 oz. (0.5 lb.) / 100 sq. ft. (2 ft. x 50 ft.). If necessary, apply every 3 weeks.

**Tick Control**

To kill ticks, including those that transmit Lyme Disease, start applying in late spring or early summer (May/June). Treat Shrub-beds, around ornamentals, and around outside perimeters of homes where exposure to ticks may occur. Apply every 3-4 weeks until late fall, since ticks may be reintroduced from surrounding areas by animals.

**Fire Ant Mounds**

To help the control of fire ants in home lawns and in other home outdoor recreation areas. Apply 10oz. Over and 2 ft. around each fire ant mound. Immediately after application, water in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants, cause them to leave, and reduce the product's effectiveness. A minimum of one gal. Of water should be applied to each mound area. Reapply as necessary.

Note: For best results, apply in cool weather, 65-80°F, or in early morning or evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

**INDOOR APPLICATION**

The small containers of this product are self-contained dusters. By squeezing the sides with rapid motion, a dusting action not unlike mechanical dusters can be achieved. Light applications meaning a thin film of dust are sufficient. Do not apply where children are likely to come in frequent contact with treated areas. Do not contaminate food, food containers or cooking utensils. Repeat applications as necessary.

**Ants, Crickets, Earwigs, Millipedes, Sowbugs, and Silverfish (Indoors):** Dust thoroughly all areas around water pipes, in cracks, under and behind cabinets, refrigerators, and sinks, and around doors, windows and book cases.

**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.

**Carpet Beetles:** Dust along baseboards, under carpeting, rugs, furniture, wherever these insects are seen or suspected.

**Resistant and Non-Resistant Cockroaches (Waterbugs):** Dust thoroughly all areas where roaches crawl and hide, such as around water pipes, in cracks and crevices, under and behind cabinets, refrigerators and sinks.

**Spiders and Scorpions (Indoors and Outdoors):** Dust around windows, doors and along baseboards. Make spot applications to surfaces over which these pests crawl, particularly in crawl spaces under houses and buildings.

**Outdoors:** To control ants and clover mites, treat a 5 foot band of soil around the house as well as the house foundation wall to height of 2-3 feet. Repeat application if necessary.

**Box Elder Bugs:** Apply dust to insects; at the same time thoroughly treat around foundation, windows, doors, tree trunks, cracks and other places where the insects hide.

**Ants and Digger Wasps:** Spot treat thoroughly anthills (day and night), and wasp ground nest openings at night. Cover openings after treatment.

**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. 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.

Recommendations for use of this product are based upon tests believed to be reliable. Buyer must assume all responsibility for use of this product when not used in strict accordance with label directions or established safe practice, or when used under abnormal conditions not reasonably foreseeable to the seller.

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

**Buyer's Guarantee Limited to Label Claims.**

**Manufactured by  
BONIDE PRODUCTS, INC.  
YORKVILLE, NY 13495**