



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

AUG 20 2003

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Rebecca M. Horton  
Consultant and Agent for Bonide Products Inc.  
913 Dominion Lane  
Salem, Virginia 24153-5630

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal  
Bonide Sevin 5% Dust (Carbaryl)  
EPA Reg. No. 4-29  
Submission dated May 16, 2003

Dear Ms. Horton:

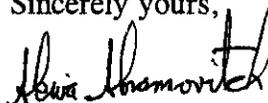
The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) Add "For Residential Use only" under the product name.
- 2) Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food or feed with this product.
- 3) The Note to Physician should be updated to read "Contains N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended." You may want to list the NPIC emergency number below the First Aid statement. You may want a separate Note to Veterinarian from the Note to Physician.
- 4) Change "certain insects" under the Directions for Use and "certain" blight, leaf blight.....,"certain" diseases.....Application against "certain" disease...or change to "listed....." or delete "certain".
- 5) Revise the statement "for plants above a chest height consider using...." to Do not use the powder formulation on plants that are higher than a chest height....

A stamped copy "accepted with comments" of the label is enclosed for your records.

Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.  
Insecticide-Rodenticide Branch  
Registration Division (7505C)



# Bonide® Vegetable – Floral Dust or Spray

[Additional Brand Names: Bonide® Tomato-Potato Dust; Bonide® Tomato-Potato Spray or Dust; Bonide® Copper Dragoon]

**ACTIVE INGREDIENTS:**

Carbaryl (CAS #63-25-2) .....	1.25%
Rotenone .....	0.50%
Other Cube Resins .....	1.00%
Copper (in Basic Copper Sulfate) expressed as Metallic .....	7.00%
<b>OTHER INGREDIENTS</b> .....	<u>90.25%</u>
<b>TOTAL</b> .....	100.00%

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:  
**AUG 20 2003**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
4-29

See back/side/other panel(s) for additional precautionary statements.

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

### 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 Telecommunications Network 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 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>
<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>

**Note to Physician:** Contains carbaryl, a moderate reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, opiates or cholinesterase inhibiting drugs.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly after handling. Wash contaminated clothing before reuse. May cause skin sensitization in certain individuals.

### USER SAFETY REQUIREMENTS

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying this product.

Wear a hat and eye protection when making overhead applications.

Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use.

Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.

Do not allow children or pets to contact treated area until sprays have dried or dust has settled.

## ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Runoff and drift from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Additional protective information may be obtained from your Cooperative Extension Service.

## DIRECTIONS FOR USE

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

## DIRECTIONS

### STORAGE AND DISPOSAL

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

**Disposal:** *If empty* – Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Bonide® Vegetable – Floral Dust or Spray** – To control certain insects and to control or prevent certain blight, leaf spots, mildew and certain other diseases on listed plants. Application for certain insects should be made as soon as insects appear. Applications against certain disease should begin well before they are expected to appear.

Use as a dust or spray any time when conditions are favorable, applied at 7 day intervals, as soon as plants are above the ground, or as soon as insects appear. Keep foliage covered, especially new growth. In all cases repeat treatment as required, but not more often than once a week.

When dusting, wear household latex or rubber gloves. Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust.

Apply when air is calm to avoid drift and contact with eyes and skin. For plants above chest height consider using a liquid carbaryl product.

Start spraying at the farthest corner of the treatment area and work backward to avoid contact with dusted or wet surfaces. Allow spray to dry or dust to settle in treated areas before re-entering.

Spray thoroughly to wet upper and lower leaf surfaces, stems and branches. For trees taller than 10 feet, consider hiring a licensed professional.

Do not repeat applications more than once a week.

**As a Dust:** This can is a squeeze type duster. Shake can to fluff powder. Press sides of can with fingers, using rapid motion for fog effect. Depending on foliage density, one pound should cover approximately 1,000 sq. ft.

**As a Spray:** Mix 1 pound to 5 gallons of water, or 1 tablespoonful to 1 quart of water. Add powder to small quantity of water first making a paste, then add desired amount of water.

**When to Apply:** For insects apply when insects appear and continue application weekly. Young insects and larvae are usually easier to control than adults. When blossoms are in full bloom, protect pollinators by using a fungicide only, such as Bonide® Copper Dust. For disease, applications should begin well before they are expected to appear. Repeat weekly and after rains.

(PHI – Preharvest Interval)

<b>CROP</b>	<b>DISEASES</b>	<b>INSECTS CONTROLLED OR REPELLED</b>
Beans – Green, Lima, Snap <b>(3) day PHI</b>	Bacterial blight, downy mildew	Mexican bean beetle, flea beetle, leafhopper, stink bug, tarnished plant bug, cutworm, armyworm.
Cabbage, Broccoli, Cauliflower, Brussels Sprout <b>(3) day PHI</b>	Downy mildew, leaf spot	Imported cabbage worm, cabbage looper, diamond back moth, aphid.
Carrots <b>(7) day PHI</b>	Downy mildew, leaf spot	Flea beetle, thrips, aphid, carrot rust fly.
Celery <b>(14) day PHI</b>	Early and late blight, leaf spot	Parsnip webworm, two-spotted spider mite, tarnished plant bug, carrot rust fly, aphid.
Cucumber, Melons, Pumpkins, Squash <b>(3) day PHI</b>	Angular leaf spot, downy mildew, powdery mildew, gummy stem blight, anthracnose, leaf spots, scab	Pickleworm, melonworm, cucumber beetle, young squash bug, aphid, two-spotted mite.
Potatoes <b>(7) day PHI</b>	Early and late blights	Colorado potato beetle, flea beetle, leafhopper, young tomato hornworm, tomato pinworm, tarnished plant bug, stink bug, aphid, thrips, white fly, mealybugs, Japanese beetle.
Tomatoes, Eggplant <b>(3) day PHI</b>	Early and late blight, anthracnose, bacterial spot, leaf spots, nail head rust, Septoria and Stemphylium leaf mold	

<b>CROP</b>	<b>DISEASES</b>	<b>INSECTS CONTROLLED OR REPELLED</b>
Strawberries (7) day PHI	Leafy spot, downy mildew, leaf blight, leaf scorch	Leaf roller, weevil, red spider, spittlebug.
Apricots, Cherries (sour) (3) day PHI	Brown rot	Black cherry aphid, mealy plum aphid, cherry fruit fly, Japanese beetle, tent caterpillar, orange tortrix, tussock moth, plum curculio.
Pears (3) day PHI	Scab, leaf blight	Codling moth, plum curculio, aphid, leafhopper, pear psylla. <b>Do not use dust on trees. Use only liquid formulation.</b>
Arbor vitae, Asters	Blight, leaf spots	Red spider, flea beetle, thrips, Japanese beetle, leaf roller, birch leaf miner, lace bugs, tent caterpillar. <b>Do not use dust on trees. Use only liquid formulation.</b>
Oaks	Leaf blister (Taphrina)	
Azaleas, Begonias, Rhododendrons	Leaf blight, leaf scorch, leaf spot	Aphids, mites, rose chafer, Japanese beetle, flea beetle, thrips, leafhopper, red spider, and repels bagworms. <b>Do not use dust on trees. Use only liquid formulations.</b>
Chrysanthemums	Botrytis blight, downy mildew, leaf spots	
Flowering Shrubs, Maples, Hawthorne, Gardenias, Marigolds, Phlox, stocks	Leaf spots	
Roses	Anthracnose, black spot, downy and powdery mildews, leaf spots, stem canker	

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

Buyers guarantee limited to label claims

Manufactured by:

Bonide Products, Inc.

Oriskany, NY 13424