

MAR 16 1994

Mr. James J. Wurz
 Bonide Products, Inc.
 2 Wurz Avenue
 Yorkville, NY 13495

Dear Mr. Wurz:

Subject: Bonide Copper Spray or Dust - Added Uses
 EPA Registration No. 4-58
 Your Submission Dated December 20, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the following changes.

1. Delete "organic" on the front panel. This term is misleading for a product of this type.
2. Under Environmental Hazards, change the last sentence to "Do not contaminate water when disposing of equipment washwater".
3. Note, under Directions For Use As a Dust, in the third line, change "wing" to "wind".
4. In the entry containing almonds, delete the comma between brown rot and blossom blight. This is a single disease name.
5. In the When To Apply column, delete the line separating the section for azaleas from the other ornamentals or indicate when to apply for the other ornamentals.

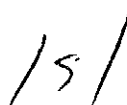
CONCURRENCES

SYMBOL	7505C						
SURNAME	Blair						
DATE	3-9-94						

6. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,



Sidney C. Jackson
Acting Product Manager (21)
Fungicide Herbicide Branch
Registration Division (7505C)

Enclosure



BONIDE®

COPPER

SPRAY or DUST

CONTROLS DISEASES OF POTATOES,
TOMATOES, FRUITS, ORNAMENTALS
AND SHADE TREES

EPA Est. 4-NY-1 EPA Reg. No. 4-58

ACTIVE INGREDIENT:

Copper (in basic copper sulphate) expressed as metallic..... 7.00%

INERT INGREDIENTS: 93.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing dust or spray. Wash thoroughly after handling. Wash contaminated clothing before reuse. Do not apply to food crops within 1 day of harvest. May cause skin sensitization in certain individuals.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching finger to back of throat. If inhaled: Remove person to fresh air. If in eyes: Flush with plenty of water. Get immediate attention. If on skin: Remove contaminated clothing and wash affected areas with soap and water.

See Side Panel for Additional Precautionary Statements.

NET CONTENTS: 1 LB.

ACCEPTED
with COMMENTS
In EPA Letter Dated

3-16-94

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

4-58

ENVIRONMENTAL HAZARDS— This pesticide is extremely toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

Storage: Keep pesticide in original container. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area inaccessible to children and pets. **Disposal:** Wrap container in several layers of paper and discard in trash. Do not reuse container.

As a Dust: Control of disease depends upon thorough and complete application (a thin, uniform film) to both tops and undersides of leaves. Small containers may be used as a duster by partially crushing and rapidly squeezing the sides in upright position, or use a good pressure duster. Application when wind is very light or absent, usually early morning or evening, will prevent drift and loss of product to adjacent areas.

As a Spray: (Using hand or tank sprayers)— Consult spray chart below. Add proper amount of powder to small amount of water, strain, add remainder of water and spray — a plate sprayer to keep nozzle from plugging. Apply at same intervals as dust. Keep foliage covered, especially new growth.

As a general guide, use the lower rates when plants are small, and the higher rates when plants are well developed or disease conditions are severe.

Note: This product is intended for small garden use only.

Crop	Diseases	When to Apply	Amount*
Cabbage, Broccoli, Cauliflowers, Brussels Sprouts	dowry mildew, leaf spot	Begin to apply before diseases appear. Repeat at 7-10 day intervals.	2 1/4 - 3 1/4 ozs. per gal. of water.
Carrots	dowry mildew, leaf spots	Apply as above.	2 1/4 - 4 1/2 ozs. + 1/2 oz. of hydrated lime
Corn	early and late blights, leaf spot	Begin to apply in plant beds as soon as plants are established. Repeat at 7 day intervals in plant beds and field.	2 1/4 - 5 1/2 ozs. per gal. of water
Cucumbers, Melons, Pumpkins, Squash	angular leaf spot, dowry mildew, powdery mildew, gummy stem blight, anthracnose, leaf spots, scab	Begin to apply when plants emerge, or before disease appears; repeat at 7-10 day intervals.	2 1/4 - 5 1/2 ozs. per gal. of water
Potatoes	early and late blights	Begin to apply when plants are 4 to 6 inches high. Repeat at 7-10 day intervals through growing season.	2 1/4 - 6 ozs. per gal. of water
Tomatoes	early and late blights, anthracnose, bacterial spot, leaf spots, nail head rust, Septoria and Stemphylium leaf mold	Begin to apply in plant bed. Repeat at 4-14 day intervals through growing season.	2 1/4 - 6 ozs. per gal. of water
Strawberries	leaf spot, dowry mildew, leaf blights, leaf scorch	Begin to apply before leaves form; repeat at 10-14 day intervals.	3 ozs. per gal. of water
Apples	anthracnose, bitter rot, black rot, blotch, powdery mildew	Begin to apply at petal fall and repeat through fourth cover spray.	1/2 - 3/4 oz. per gal. of water

Almonds, Apricots, Cherries	brown rot, blossom blight, leaf spot, shot hole	Apply in red bud to popcorn and late bloom stages.	4 1/2 - 6 ozs. per gal. of water
Pears	scab, leaf blights	Apply in first 3 cover sprays.	1 1/2 + 1/2 oz. hydrated lime per gal. of water
Arbor vitae, Asters	blights, leaf spots	Begin to apply before diseases appear. Repeat at 7-10 day intervals and after rains. Apply to arbor vitae in early fall and repeat in late fall.	4 1/2 ozs. per gal. of water
Oaks	leaf blister (Taphrina)	Apply one or two times in early spring before growth begins.	
Azaleas, Begonias, Rhododendrons	leaf blights, leaf scorch, leaf spot	Begin to apply before diseases appear. Repeat at 7-10 day intervals and after rains.	
Chrysanthemums	botrytis blight, dowry mildew, leaf spots		
Flowering Shrubs, Maples, Hawthorn, Gardenias, Magnolias, Philodendrons, Stacous	leaf spots		
Roses	anthracnose, black spot, dowry and powdery mildews, leaf spots, stem canker		
Pines	brown needle blight		

BEST COPY AVAILABLE

CROP	DISEASES	WHEN TO APPLY	AMOUNT
Beans (Green or Dry)	Angular Leaf Spot, Anthracnose, Bacterial Blight, Downy Mildew	Begin when plants are about 5" tall and repeat at 5 to 7 day intervals.	2-1/2 to 5oz per gal water
Eggplant	Anthracnose, Downy Mildew, Early (Alternaria) Blight, Leaf Spots.	Beginning in plant bed or in field before disease appears. Repeat at 7 to 10 day intervals.	2-1/4 to 3-3/4oz per gal water.
Grapes	Anthracnose, Black Rot, Downy Mildew	Dilute spray. Make first application when new growth is 1/2" long and repeat every 10 to 14 days.	2oz per gal water.
Lettuce	Anthracnose, Leaf Spot (Cercospora), Downy Mildew.	Spray before diseases appear. Repeat at 7 to 10 day intervals.	2-1/4 to 3-3/4oz per gal water.
Onions	Purple Blotch, Downy Mildew	Begin when plants are 5 to 6 inches and repeat at 7 to 10 day intervals.	3.75 to 5oz per gal water.
Peas	Downy Mildew, Leaf Spots.	Begin spraying before diseases appear; repeat at 7 to 10 day intervals.	2-1/4 to 3-3/4oz per gal water.
Pepper	Anthracnose, Bacterial Spot, Early Blight, Cercospora Leaf Spot, Downy Mildew	Start sprays in seedbed and continue in field at 7 day intervals. Note: Disease control is critical during fruiting.	3.75 to 5oz per gal water.
Spinach	Anthracnose, Cercospora Leaf Spot, Downy Mildew, White Rust	Begin when disease first appears. Repeat at 7 to 10 intervals.	2-1/2 to 5oz per gal water.

Bonide Copper Spray or Dust does not control insects. Use Bonide Rotenone — Copper Dust or Bonide Garden Dust. *One ounce = 2 rounded tablespoons. Buyer assumes all risk for use of this product when not used in accordance with label directions or established sale practice.

BONIDE PRODUCTS, INC.
YORKVILLE, NY 13495