

Liquid Copper

Fungicide

C · o · n · c · e · n · t · r · a · t · e

ACTIVE INGREDIENTS:

Copper Salts of Fatty & Rosin Acids 48%

OTHER INGREDIENTS: 52%

(Metallic copper equivalent 4.0%)

EPA Reg. No. 1812-377-4

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

(See Back Panel for Additional Precautionary Statements)

60650503

TRUSTED SINCE 1926

BONIDE®



For certain
diseases on
listed vegetables,
fruits, berries,
roses, pine or
cedar trees.

LIQUID COPPER FUNGICIDE

For certain diseases on listed vegetables, fruits, berries, roses, pine or cedar trees.

BN

EPA Est. No. 4-NY-1
EPA Reg. No. 1812-377-4
Buyers Guarantee Limited to
Label Claims.
Distributed by
BONIDE PRODUCTS, INC.
Oriskany, NY 13424
60610503 Pint

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried.

STORAGE AND DISPOSAL

Storage: Store in a secure place, away from fire or open flame. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Keep container closed and reseal after use. Product is not damaged by freezing, but preferably store at temperatures above 32°F. If spilled, use absorbent materials and dispose of in approved landfill.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, or plastic containers by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Contains a petroleum solvent.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician immediately. **IF IN EYES:** Wash eyes with water and see a physician. **IF ON SKIN:** Wash with soap and water. Get medical attention if irritation persists. For medical emergencies involving this product, call toll free 1-888-324-7598.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants.
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining safety equipment. If no such instructions for washables, use detergent and hot water. Keep and wash contaminated clothing separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not store near heat or open flames.

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GENERAL INSTRUCTIONS

Do not apply this product through any type of irrigation system. Read and follow all applicable directions and precautions on this label or label of other products before mixing with Liquid Copper Fungicide. Liquid Copper Fungicide can be applied up to day of harvest. When tank-mixed with other products, do not apply closer to harvest than is permitted or stated on their labels.

Pour Liquid Copper Fungicide into spray tank at least 1/2 filled with water with adequate agitation. When mixed with other products proven or known to be compatible, wettable powders should be added first, followed in order by flowables, and then emulsifiable concentrates such as this product. Liquid Copper Fungicide is compatible with many organic insecticides and fungicides in tank mixes. Do not mix Liquid Copper Fungicide with oil when applied to citrus. Do not mix Liquid Copper Fungicide with chelated or liquid fertilizers. Use product with other fungicides and insecticides with caution. Observe all cautions and limitations on all products used in mixtures.

2 tsp./gal.=1 qt./100 gals.

*tsp.=teaspoon

FRUITS AND NUTS

AVOCADO:** *Anthraco-nose, Blotch (Cercospora Leafspot)*- Rate: 4 tsp./gal of water. Apply when bloom buds begin to swell. Repeat monthly until September.

BERRIES (Blackberries, Boysenberries, Loganberries, Raspberries): *Anthraco-nose, Leaf Spot, Cane Spot, Yellow Rust*- Rate: 4 -6 tsp./gal of water. Apply when leaf buds begin to open. Repeat when flower buds show white and continue at 10 to 14 day intervals until harvest. Also make a post-harvest spray after pruning but before fall rains using 8 tablespoons/gallon.

CHERRIES (SOUR): *Bacterial Canker (Pseudomonas Syringae), Leaf Spot* - Rate: 3 tsp./gal of water. Apply in spring as buds begin to swell. Repeat at bud burst and weekly thereafter as needed for up to 6 sprays.

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In fall apply a spray at both 10 and 80% leaf fall. CAUTION: Sprays after leaf emergence may cause some leaf defoliation.

Brown Rot Blossom Blight - Rate: 3Tbsp./gal of water. Apply at popcorn bud, full bloom and at petal fall. During wet weather additional bloom sprays may be necessary.

CITRUS: *Melanose, Red Algae* - Rate: 4 tsp./gal of water. Apply 1 to 3 weeks after petal fall and repeat 4 weeks later. Do not apply with any oil on any citrus as some defoliation may occur.

GRAPES: *Downy Mildew, Powdery Mildew***, *Black Rot (suppression)*** - Rate: 2 tsp./gal of water. Begin spray when new growth is 1/2 inch long. Repeat every 7 to 10 days throughout growing season. NOTE: Do not mix with lime. Certain varieties and hybrids may be slightly sensitive to copper sprays resulting in marginal leaf burn.

MANGOES: *Anthraxnose* - Rate: 6 tsp./gal of water. Apply weekly beginning when panicles are 2 inches long, until fruit are set. Repeat monthly through September.

PEACHES, NECTARINES: *Leaf Curl, Shot Holes, Blossom Brown Rot* - Rate: 7-10 tsp./gal of water. Apply at leaf fall and repeat in late dormant up to bud swell and at pink bud. Do not apply after pink bud.

STRAWBERRIES: *Leaf Spot, Scorch* - Rate: 3-4 tsp./gal of water. Apply beginning when new growth starts and repeat at 7 to 10 day intervals until harvest.

WALNUTS: *Bacterial Blight* - Rate: 4 tsp./gal of water. Apply beginning when leaflets start to unfold and before 1% pistillate blooms. Repeat weekly as needed, especially during rainy periods.

**Except California

VEGETABLES

BEANS (GREEN, SNAP, DRY COLORED, NAVY): *Bacterial Blight* - Rate: 4 tsp./gal. of water. Apply beginning at trifoliage and continue at 7 to 10 day intervals to dry harvest. Use 7 day intervals during wet weather.

BEETS (RED TABLE): *Cercospora Leaf Spot* - Rate: 4-6 tsp./gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals as needed up to day of harvest.

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MISCELLANEOUS

PEANUT: *Leaf Spot, Web Blotch* - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals, as needed, up to day of harvest.

ORNAMENTALS

For control of diseases on ornamentals in home greenhouses, gardens, or garden plant beds. Apply at first sign of disease. Repeat at 7 to 10 day intervals as needed. Use higher rates or shorter intervals when disease pressure is high.

Rate: 4-6 tsp./1 gallon of water.

***AZALEAS**:** *Cercospora Leafspot, Botrytis Blight, Leaf Gall, Phytophthora Dieback, Powdery Mildew.*

BEGONIAS:** *Xanthomonas Leaf Spot, Anthracnose, Powdery Mildew.*

CAMELLIAS:** *Phytophthora Dieback.*

CHRYSANTHEMUM**, **GARDENIA****, ***PHILODENDRON**:** *Bacterial Blight.*

COTONEASTER:** *Botrytis Blight.*

HYDRANGEAS:** *Leafspots, Powdery Mildew.*

IXORA**, **MAGNOLIAS****, **PALMS**:** *Leafspots.*

***IRIS**:** *Scab.*

IVY:** *Bacterial Leaf Spot, Xanthomonas Leaf Spot.*

PACHYSANDRA:** *Volutella Blight*

PYRACANTHA:** *Fire Blight, Scab* - Begin spray during bloom period. Repeat at 3 to 4 day intervals. After bloom period continue at 7 to 10 day intervals.

***ROSES**:** *Powdery Mildew, Black Spot (suppression).*

*Discoloration of blooms may occur on certain varieties or colors of these plants.

To avoid problem, do not spray just before or during flower period.

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BROCCOLI, BRUSSELS SPROUT, CAULIFLOWER, CABBAGE: *Downy Mildew, Alternaria Blight* - Rate: 1 tsp./1 gal. of water. Apply beginning when disease is expected and repeat at 7 to 10 day intervals as needed. CAUTION: A slight reddening of older leaves may occur, especially in late fall. Do not add spreader-stickers to spray. Do not spray when plants are under environmentally stressful conditions.

CARROTS: *Early Blight***, *Late Blight***, *Leaf Spot* - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals as needed up to day of harvest.

CELERY: *Early Blight, Bacterial Blight*** - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals as needed up to day of harvest.

CUCURBITS CUCUMBERS, CANTALOUPE, MUSKMELON, SQUASH, PUMPKINS, WATERMELONS: *Downy Mildew, Powdery Mildew, Alternaria Blight, Scab** - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals as needed up to day of harvest.

CUCUMBERS: *Angular Leaf Spot* - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals as needed up to day of harvest.

ONIONS: *Downy Mildew, Gray Mold***, *Neck Rot, Bacterial Soft Rot* - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat every 7 days up to harvest.

PEAS: *Powdery Mildew, Bacterial Blight*** - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat every 7 days up to harvest.

PEPPERS: *Bacterial Spot, Cercospora Leaf Spot*** - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat every 7 days up to harvest.

POTATOES: *Late Blight* - Rate: 7 tsp./1 gal. of water. Apply beginning when weather conditions favor disease and repeat every 7 days up to harvest. *Early Blight*** - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals, as needed, up to day of harvest.

TOMATOES: *Bacterial Spot, Bacterial Speck, Early Blight, Septoria Leaf Spot, Anthracnose*** - Rate: 4-6 tsp./1 gal. of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals up to day of harvest.

**Except California

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TREES

PINE (AUSTRIAN, PONDEROSA, MUGO, SCOT): *Dothistroma Needle Blight* - Rate: 4 tsp./1 gal. of water. Apply to run-off beginning as new needles emerge from needle sheaths. Repeat 3 to 4 weeks later. *Diplodia Tip Blight* - Rate: 4 tsp./1 gal. of water. Make first application when shoot buds open. Repeat weekly until needles break through needle sheaths.

JUNIPER: *Cercospora Needle Blight* - Rate: 4 tsp./1 gal. of water. Make first application as new growth begins. Repeat monthly making at least 2 to 3 sprays.

MAPLE**, **OAK****, **SYCAMORE:** *Anthraxnose, Leafspot* - Rate: 4 tsp./1 gal. of water. Make first application just before bud swell. Repeat at 7 day intervals as needed. Make at least 3 sprays.

CEDAR:** *Cedar Apple Rust* - Rate: 4 tsp./1 gal. of water. Apply weekly in July and August.

**Except California

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