



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

4-508

Date of Issuance:

8/27/24

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Bon CSP Concentrate

Name and Address of Registrant (include ZIP Code):

Bonide Products, LLC
6301 Sutliff Road
Oriskany, NY 13424

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:

Kristy Crews PhD., Product Manager 22
Fungicide Branch, Registration Division (7505T)
Office of Pesticide Programs, USEPA

Date:

8/27/24

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 4-508."
3. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 5/26/2023

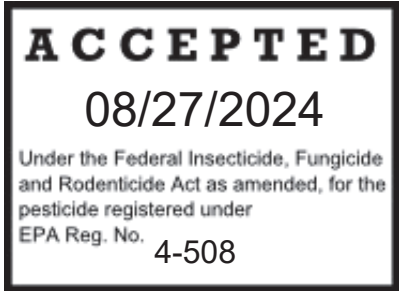
If you have any questions, please contact Thomas Harty at 202-566-0394 or at harty.thomas@epa.gov.

Enclosure- Stamped Label

{MASTER LABEL}

{Text in braces and italics are notes to the EPA reviewer or label editor.}
{Text in [brackets] is optional text}

COPPER SULFATE PENTAHYDRATE	GROUP	M1	FUNGICIDE
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Bon CSP Concentrate

{Alternate Brand Names:}
[Bonide Fung-onil Concentrate;
Fung-onil Concentrate;
Captain Jack’s Liquid Copper Fungicide;
Captain Jack’s Liquid Copper Fungicide Concentrate₂;
Captain Jack’s Liquid Copper Fungicide Ready to Spray₂;
Captain Jack’s Copper Fungicide;
Captain Jack’s Copper Fungicide Concentrate;
Captain Jack’s Copper Fungicide Ready to Spray]

[Concentrate] [Ready to Use] [FUNGICIDE] [/BACTERICIDE**]

FOR USE IN LISTED [CITRUS], [VEGETABLES], [TREE CROPS], [TOBACCO], [SMALL FRUITS], [VINES] AND [CROPS].

For Residential Use Only.

ACTIVE INGREDIENT:
Copper sulfate pentahydrate*†.....6.385%
OTHER INGREDIENTS:.....93.615%
TOTAL:.....100.000%
*CAS No. 7758-99-8
Contains 0.57 lbs. copper sulfate pentahydrate per gallon
Contains 0.14 lbs. metallic copper per gallon
†Metallic copper content 1.61%
[**For Non-Public Health Bacteria]

KEEP OUT OF REACH OF CHILDREN
CAUTION

{Optional referral statements when booklets and container labels are used:}
[For additional Precautionary Statements, Handling, Directions for Use, (and Storage and Disposal),
see inside of this booklet.]

Manufactured [For] [By]:
Bonide Products, LLC
6301 Sutliff Road
Oriskany, NY 13424

EPA Reg. No. 4-XXXEPA Est. No. _____

NET CONTENTS: _____

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT anything by mouth to an unconscious person.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For information on this pesticide product (including health concerns or pesticide incidents), call SafetyCall® International at 833-972-1101, twenty-four (24) hours per day, seven (7) days per week (privacy@safetycall.com). {OR} [For information on this pesticide product (including health concerns or pesticide incidents), call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Web site: www.npic.orst.edu). After 12:00 PM Pacific Time Weekdays and during the weekend, call your poison control center at 1-800-222-1222.]</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. [Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.]

Fish Advisory Statement: This copper product is toxic to fish and aquatic organisms. Unlike most organic pesticides, copper is an element and will not break down in the environment and will therefore accumulate with repeated applications. Copper is a micronutrient, but its pesticidal application rate exceeds the amount of copper needed as a nutrient.

PHYSICAL-CHEMICAL HAZARDS

DO NOT mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

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

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

USE RESTRICTION

For Residential Use Only.

PRODUCT INFORMATION

This product is a fungicide [and bactericide**]. Complete coverage is essential to assure good product performance. The required amount of product must [be mixed with enough water to thoroughly cover the plant with spray mixture and] be applied to the point of runoff. See the label for specific [rates and] timing of application for each crop. [Use the higher listed rate and shorter treatment intervals when conditions favor high disease pressure. Use the higher listed rate for large trees or mature crop plants.]

[**For Non-Public Health Bacteria.]

{Optional Concentrate Mix Directions}

[MIXING INSTRUCTIONS

Bon CSP Concentrate mixes easily with the water. Follow the instructions below:

1. Fill the mix tank with water to half volume.
2. Add the recommended quantity of **Bon CSP Concentrate**.
3. Fill the mix tank to full volume and mix well before application.
4. Maintain agitation during filling and spraying operations.
- [5. Spreaders, stickers, nutrients, etc. should be added last.]

[It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.]

USE INSTRUCTIONS

Table 1 shows suggested minimum spray volumes per 500 sq. ft.; however, thorough coverage is essential for best results. The stage of growth and size are major factors in determining spray volume required to obtain thorough coverage.

Table 1

Infestation level	Use Rates (Fl. Oz.)	Water Amount	Coverage Area
Preventative – low infestation	0.4	1 Gallon	500 sq. ft
Curative – medium to high infestation	1.2		

{Optional Ready-to-Spray use directions}

[HOW TO USE READY-TO-SPRAY CONTAINER]

Make sure water control knob on hose sprayer is in the "OFF" position. Hold by handle and shake vigorously, turning bottle as you shake. Attach hose to spray nozzle. Bend safety tab back and break off. Turn control to "WATER" position. Slowly turn on water supply to moderate rate of flow. Point nozzle toward spray area, turn control knob to "ON." Product will automatically mix with the water. Slowly sweep the area to be treated, ensuring even coverage. Spray until wet, but not saturated. To stop spraying, turn control valve to the "OFF" position. Turn off water at faucet. To relieve pressure, turn control valve to the "WATER" position pointing sprayer away from self. Remove hose-end sprayer from hose.]

FOR SPRAY APPLICATIONS

Always spray for total foliage coverage. When re-spraying the rates and severity of the disease vary with unforeseen conditions. However, in the event of severe disease, spraying intervals can be shortened to 3 to 5 days. At times, the lower rate can be as effective as the higher rate and should be tried first. Usually, preventive programs may be maintained at the lower rate. Use of low volume spraying is effective against Botrytis and not effective against established powdery mildew and Xanthomonas infections. Also, applications on actively growing tissue may be more effective than applications on dormant tissue.

USE PRECAUTIONS

Except as specified, begin applications before or at first sign of disease and repeat as needed to maintain control but observe use limitations. [Apply the high rate and/or spray at shorter intervals when climatic conditions favor disease(s) which is humid and moist conditions.]

This product may be reactive on metal surfaces such as galvanized roofing. Avoid contact with cars, houses or other metal surfaces susceptible to damage. This product may discolor sprayed surfaces such as masonry or wood.

As plant varieties differ in sensitivity to copper, always conduct a small test spray to ensure no injury occurs.

APPLICATION AND HANDLING

DO NOT spray this product if rain is coming soon or if wind is high.

[FROST INJURY PROTECTION BACTERIAL ICE NUCLEATION INHIBITOR]

[Application of this product made to all crops listed on this label at rates and stages of growth indicated on this label, at least 24 hours prior to anticipated frost conditions, will afford control of ice nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola*, and *Pseudomonas fluorescens*) and may therefore provide some protection against light frost. Not recommended for those geographical areas where weather conditions favor severe frost.]

This product is a formulated ready to use fungicide [/bactericide**], to be applied by direct spray for controlling the following diseases:
[**For Non-Public Health Bacteria.]

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
Almonds Only	Bacterial Blast, [*]Bacterial Spot	Growing Season	14	Almond Only: [For bacterial blast control where disease is severe, apply 1.2 fl. oz. per 500 sq. ft.] [Apply] post-bloom at 2-week intervals or as needed or just before sprinkling. PRECAUTION: Foliar injury may occur from post-bloom sprays on almonds, especially on NePlus Varieties.
Almonds Apricots	Bacterial Blast (<i>Pseudomonas</i>), Bacterial	Fall, Late Dormant	7	Make first application before fall rains and a second at late dormant. Use the high rate when

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
Cherry Plum Prune	Canker, Coryneum Blight (Shot Hole)			conditions favor disease. If needed, agricultural-type spray oil may be added. For Cherries: Where disease is severe, an additional application shortly after harvest may be required.
	[*]Blossom Brown Rot, Coryneum Blight (Shot Hole)	Bloom, Growing Season (Early Spring)	5	Apply during early bloom. PRECAUTION: DO NOT apply after full bloom or injury may occur. [Use the high rate when rainfall is heavy and disease pressure is high.]
	[*]Black Knot (Plum)	Growing Season	7	Make an application at bud swell up to early bloom for early season disease suppression. Apply before full bloom. [Use the high rate when rainfall is heavy and disease pressure is high.] PRECAUTION: To avoid plant injury, DO NOT use after full bloom.
	[*]Cherry Leaf Spot	Growing Season	7	Apply at petal fall as well as 1 to 2 times after petal fall. Use the lower rates where disease infection is light and use the high rate for a dormant application or where disease infection is moderate to heavy. As cherry varieties (such as sweet cherry and English Morello) differ in sensitivity to copper, always evaluate injury potential to Bon CSP Concentrate prior to treating orchards.
Apple	Anthrachnose, Blossom Blast, European Canker (<i>Nectria</i>), Shoot Blast (<i>Pseudomonas</i>)	Fall	7	Apply before fall rains. [Use the high rate when conditions favor disease.] PRECAUTION: Use on yellow varieties may cause discoloration. To avoid discoloration, pick before spraying.
	Apple Scab, Fire Blight	Fall, Late Dormant	Only 1 application per season permitted	Make application between silver-tip and green tip. Apply as a full cover spray for early season disease suppression. PRECAUTION: Moderate to severe crop injury may occur from late application. After green tip reaches 0.5 inch, use only on varieties not prone to fruit russetting. DO NOT tank mix with acidifying surfactants or non-buffered phosphite fungicides. DO NOT apply Bon CSP Concentrate just prior to predicted frosts.
	[*]Collar Rot, [*]Crown Rot	Dormant Spring/Fall	30	[Mix in 1 gallon of water. Apply 4 gallons of suspension as a drench on the lower trunk area of each tree.] Apply in early spring or in fall after harvest for best results. DO NOT apply to foliage or fruit. PRECAUTION: DO NOT use if soil pH is below 5.5 since copper toxicity may result.
	Apple Scab	Growing Season	5	Extended spray schedule where fruit finish is not a concern. Continued applications may be made at 5- to 7-day intervals or as needed between 0.5 inch green-tip through cover season, as needed. Use a reliable fire blight disease model.
Apple (All Areas Except WA, OR, and ID)	Fire Blight	Growing Season	5	PRECAUTION: Moderate to severe crop injury may result from this extended spray schedule depending on variety. Caution must be taken on varieties prone to fruit russetting.
Apple	Fire Blight	Growing Season	5	Extended spray schedule where fruit finish is not a concern. Continued applications may be made

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
(WA, OR, and ID)				at 5- to 7-day intervals or as needed between 0.5 inch green-tip through cover season, as needed. Use a reliable fire blight disease model. PRECAUTION: Moderate to severe crop injury may result from this extended spray schedule depending on variety. Caution must be taken on varieties prone to fruit russetting.
Avocado	Algal Leaf Spot, Anthracnose, [*]Blotch, Scab	Growing Season	14	Apply when bloom buds begin to swell and continue application at monthly intervals for 5 to 6 applications. [Use the high rate when conditions favor disease.]
[*]Banana	Black Pitting	Growing Season	7	Mix in 1 gallon of water. Apply to the fruit stem and the basal portion of the leaf crown. Apply during the first and second weeks after fruit emergence.
[*]Bean: Dry Green	Brown Spot, Common Blight, Halo Blight	Growing Season	7	For protective sprays, make first application when plants are 6 inches high; repeat on a 7- to 14-day schedule or as needed depending on environmental conditions. [Use the higher rate for more severe disease.]
[*]Beet: Table Beet Beet Greens	Cercospora Leaf Spot	Growing Season	10	Begin applications when conditions first favor disease development and repeat at 10- to 14-day intervals or as needed. [Use the high rate when conditions favor disease.]
Blackberry: Aurora Boysen Cascade Chehalem Logan Marion Santiam Thornless Evergreen	[*]Anthracnose, [*]Cane Spot, Leaf Spot, Pseudomonas Blight, [*]Purple Blotch, [*]Yellow Rust	Fall, Late Dormant	7	Make fall applications after harvest. Apply delayed dormant spray after pruning/training in the spring. [If needed, agricultural-type spray oil may be added.]
	Anthracnose, [*]Cane Spot, Leaf Spot, [*]Purple Blotch, [*]Yellow Rust	Growing Season		Apply when leaf buds begin to open and repeat when flower buds show white. [If needed, agricultural-type spray oil may be added.] PRECAUTION: Crop injury may occur if applied to foliage under certain environmental conditions such as hot or prolonged moist periods. Discontinue applications if signs of crop injury appear.
Blueberry	Bacterial Canker	Fall, Late Dormant	30	Make first application before fall rains and a second application 4 weeks later. [Use the higher rate when conditions favor disease.]
	[*]Fruit Rot, [*]Phomopsis Twig Blight	Late Dormant	10	Dormant Application: Begin applications when bloom buds begin to swell. Make additional applications at 10- to 14-day intervals or as needed before blooms open.
[*]Carambola	Anthracnose	Growing Season	7	Make initial application just before flowering and repeat on a weekly schedule until just before harvest. [Use the high rate for severe disease.]
Carrot	Alternaria Leaf Spot, Cercospora Leaf Spot	Growing Season	7	Begin applications when disease first threatens and repeat at 7- to 14-day intervals or as needed depending on disease severity. Same rates apply to crops grown for seed.
Celery, Celeriac	[*]Bacterial Blight, [*]Bacterial Leaf Spot, Cercospora Early Blight, Septoria Late Blight	Growing Season	5	Begin applications as soon as plants are first established in the garden, repeating at 5- to 7-day intervals or as needed depending on disease severity and environmental conditions. Same rates apply to crops grown for seed.
Chives	[*]Bacterial Soft Rot, Downy Mildew, [*]Gray Mold (<i>Botrytis</i>)	Growing Season	7	Begin applications when plants are established in the garden. Repeat applications every 7 to 10 days or as needed depending on disease conditions.

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
Citrus: Grapefruit Kumquat Lemon Lime Oranges Pummelo Tangelo Tangerine	Citrus Canker (Suppression)	Growing Season	7	Spray flushes 7 to 14 days after shoots begin to grow. Young fruit may require an additional application. Number and timing of applications will be dependent upon disease pressure. Under heavy pressure, each flush of new growth should be sprayed.
	Algal Spot, Melanose, Scab	Early Season	14	Apply as pre-bloom and post-bloom sprays. [Use the high rate when conditions favor disease.]
	Alternaria Brown Spot	Early Season	14	On susceptible varieties apply when the first spring flush appears and each following flush. Application to fruit should start after 2/3 of the petals have fallen and be repeated on a 21-day schedule or as needed. [Use the high rate when conditions favor disease.]
	Greasy Spot, [*]Pink Pitting	Growing Season	14	Apply in summer on expanded new flush. Repeat on subsequent flushes where disease pressure is severe. [Use the high rate when conditions favor disease.]
	[*]Phytophthora Brown Rot, [*]Septoria Spot	Fall and Winter	7	Begin application in fall before or just after the first rain and continue as needed. For Brown Rot only apply to skirts of trees to a height of at least 4 feet. For control of Septoria Sport or where fruit have already been infected with Brown Rot, apply to entire tree. Apply to bare ground 1 foot beyond skirt. [Use the high rate when conditions favor disease.] PRECAUTION: DO NOT use in areas subject to copper injury.
[*]Coffee	Coffee Berry Disease (<i>Colletotrichum coffeanum</i>)	Growing Season	21	Apply first spray after flowering and before onset of long rains and then at 21- to 28-day intervals or as needed until picking. [Use the high rate when conditions favor disease.]
	Bacterial Blight (<i>Pseudomonas syringae</i>)	Growing Season	14	Begin spray program before the onset of long rainy periods and continue through the rainy season at 14- to 21-day intervals or as needed. The critical time for spraying to control this disease is just before, during and after flowering(s), especially when coinciding with wet weather. [Use the high rate when rainfall is heavy and disease pressure is high.]
	Leaf Rust (<i>Hemileia vastatrix</i>)	Growing Season	21	Apply before the onset of rain and then at 21-day intervals or as needed while the rains continue. [Use the high rate when rainfall is heavy and disease pressure is high.]
	Iron Spot (<i>Cercospora coffeicola</i>), Pink Disease (<i>Corticium salmonicolor</i>)	Growing Season	30	Use concentrate or dilute spray. Begin treatment at the start of wet season and continue at monthly intervals for 3 applications.
[*]Corn: [*]Field Corn [*]Popcorn [*]Sweet Corn	Bacterial Stalk Rot	Growing Season	7	Begin treatment when disease first appears and every 7 to 10 days or as needed. [Use the high rate and shorter spray intervals when conditions favor disease.]
[*]Cranberry	Fruit Rot	Growing Season	10	Make first application in late bloom. Apply 1 or 2 additional applications at 10- to 14-day intervals or as needed depending on disease severity.
	Rose Bloom	Growing Season		Apply three sprays on 10- to 14-day schedule or as needed as soon as symptoms are observed.
	Bacterial Stem Canker	Post-Harvest /Dormant		Apply post-harvest and again in spring at bud swell. Apply 1 or 2 additional applications at 10- to 14-day intervals or as needed depending on disease severity.

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
	Leaf Blight, Red Leaf Spot Stem Blight, Tip Blight	Late Dormant		Apply delayed dormant spray in the spring. Repeat at 10- to 14-day intervals or as needed through pre-bloom.
Crucifers: Broccoli Brussels Sprouts Cabbage Cauliflower Collard Greens [*]Kale Mustard Greens Turnip Greens	Black Leaf Spot (<i>Alternaria</i>), Black Rot (<i>Xanthomonas</i>), Downy Mildew	Growing Season	7	Begin application after transplants are set in the garden, or shortly after emergence of garden seeded crops or when conditions favor disease development. Apply at 7- to 10-day intervals or as needed. [Use the high rate when conditions favor disease.] PRECAUTION: Reddening of older leaves may occur on broccoli and a flecking of wrapper leaves may occur on cabbage.
Cucurbits: Cantaloupe Cucumber Honeydew Muskmelon Pumpkin Squash Watermelon [*]Zucchini	<i>Alternaria</i> Leaf Spot, Angular Leaf Spot, Anthracnose, Downy Mildew, [*]Gray Mold (<i>Botrytis</i>), [*]Gummy Stem Blight, Powdery Mildew, [*]Watermelon Bacterial Fruit Blotch (Suppression)	Growing Season	5	Begin applications prior to disease development and continue while conditions are favorable for disease development. Repeat at 5- to 7-day intervals or as needed. [Use the high rate when conditions favor disease.] Same rates apply to crops grown for seed. PRECAUTION: Crop injury may occur from application [at high rate and shorter intervals.] Discontinue use if injury occurs.
[*]Currant, [*]Gooseberry	Anthracnose, Leaf Spot	Growing Season	10	Make initial application after first leaves have expanded. Continue on a 10- to 14-day schedule or as needed during wet conditions in the spring. Make an additional application after harvest.
Dill	Phoma Leaf Spot, [*]Rhizoctonia, [*]Foliage Blight	Growing Season	7	Begin applications when plants are first established in the ground and repeat at 7- to 10-day intervals or as needed depending upon disease severity and environmental conditions. [Use the high rate when conditions favor disease.]
Eggplant	<i>Alternaria</i> Blight, Anthracnose, [*]Phomopsis, [*]Gray Mold (<i>Botrytis</i>)	Growing Season	7	Begin applications prior to development of disease symptoms. Repeat spray at 7- to 10-day intervals or as needed depending on disease severity.
[*]Filbert	Bacterial Blight	Post-Harvest	14	Apply as a post-harvest spray. In seasons of heavy rainfall, apply a second spray when 3/4 of the leaves have dropped. [Use the high rate when rainfall is heavy and disease pressure is high. If needed, agricultural-type spray oil may be added.]
	Eastern Filbert Blight	Growing Season		Ensure thorough coverage. Make applications starting at bud swell to bud break and continue at 2-week intervals or as needed until early May. Thorough coverage is essential. [Use the high rate when rainfall is heavy and disease pressure is high. If needed, agricultural-type spray oil may be added.]
Ginseng	<i>Alternaria</i> Leaf Blight, Stem Blight	Growing Season	7	PRECAUTION: <i>Alternaria</i> Leaf and Stem Blight is most severe in humid conditions such as those found in the dense canopies of 2- to 4-year-old Ginseng. It is very important that the stems be thoroughly covered with fungicide; therefore, use a spray apparatus which distributes the fungicide throughout the canopy.
Grapes	[*]Brown Rot, Downy Mildew, Gray Mold (<i>Botrytis</i>), [*]Phomopsis	Bloom, Growing Season	3	Begin applications at bud break with subsequent applications throughout the season depending on disease severity. [Use the high rate when conditions favor disease.]
	Powdery Mildew	Fall, Late Dormant		

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
				PRECAUTION: Foliage injury may occur on copper sensitive varieties such as Concord, Delaware, Niagara, and Rosette.
[*]Guava	Anthrachnose, Red Algae	Growing Season	7	Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Apply in sufficient water for thorough coverage. [Use the high rate for severe disease.]
[*]Hops	Downy Mildew	Late Dormant	10	Make crown treatment after pruning, but before training. After training, additional treatments are needed at about 10-day intervals. PRECAUTION: Discontinue use 2 weeks before harvest.
[*]Kiwi	<i>Erwinia herbicola</i> , <i>Pseudomonas fluorescens</i> , <i>Pseudomonas syringae</i>	Growing Season	30	[Apply in 2 gallons of water per 500 sq. ft. Make applications on a monthly basis.] A maximum of 3 applications may be made.
[*]Leek, [*]Shallot	Downy Mildew, Gray Mold (<i>Botrytis</i>), Bacterial Soft Rot	Growing Season	7	Begin when plants are 4 to 6 inches high and repeat at 7- to 10-day intervals or as needed depending on disease severity. Can cause phytotoxicity to leaves.
Lettuce	Gray Mold (<i>Botrytis</i>), Bacterial Soft Rot	Growing Season	5	Apply at first sign of disease or when conditions favor disease development. Repeat every 5 to 10 days. [Lower rate is advised for copper sensitive varieties.] [Same rates apply to crops grown for seed.]
[*]Litchi	Anthrachnose	Growing Season	7	Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Ensure thorough coverage. [Use the high rate for severe disease.]
[*]Macadamia	Anthrachnose	Growing Season	7	Initiate sprays at first sign of flowering and repeat on a weekly schedule until just before harvest. [Apply in sufficient water for thorough coverage. Use the high rate when conditions favor disease.]
	Phytophthora Blight (<i>P. capsici</i>), Raceme Blight (<i>Botrytis cinerea</i>)	Growing Season	7	Apply during Raceme development and bloom periods. [Apply in sufficient water for thorough coverage. Use the high rate when conditions favor disease.]
[*]Mamey Sapote	Algal Leaf Spot, Anthrachnose	Growing Season	14	Apply when conditions favor disease development. Repeat on 14- to 30-day schedule or as needed as disease severity and environmental conditions dictate. [Use the high rate when conditions favor disease.]
[*]Mango	Anthrachnose	Growing Season	30	Apply monthly after fruit set until harvest. [Use the higher rate when rainfall is heavy and disease pressure is high.]
Nectarine	Bacterial Blast (<i>Pseudomonas</i>), Bacterial Canker, Bacterial Spot (<i>Xanthomonas</i>), Coryneum Blight (Shot Hole), [*]Leaf Curl	Fall Dormant	21	Make first application before fall rains and a second at late dormant. For peach leaf curl, late dormant application must be made before leaf buds swell. [Use the high rate when rainfall is heavy and disease pressure is high. If needed, agricultural-type spray oil may be added.]
	[*]Blossom Brown Rot, Coryneum Blight (Shot Hole), [*]Leaf Curl	Growing Season (Pink Bud)	5	Full cover spray at pink bud. [Use the high rate when conditions favor disease.] Evaluate fruit finish impact on susceptible varieties prior to use.
	Bacterial Spot	Growing Season (Post-Bloom)	7	Apply as a post-bloom cover spray. Repeat at 7-day intervals if needed. PRECAUTION: Spotting of leaves and defoliation may occur from use in cover sprays - varietal differences occur.

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
[*]Okra	Anthrachnose, Bacterial Leaf Spot, Leaf Spots, Pod Spot, Powdery Mildew	Growing Season	5	Begin treatment when disease first threatens and repeat every 5 to 10 days or as needed depending on disease severity. [Use the high rate and shorter spray intervals when conditions favor disease.]
Olives	Peacock Spot, Olive Knot	Fall, Late Dormant	30	Make first application before winter rains begin. A second application in early spring should be made if disease is severe. [Apply the high rate for heavy disease pressure or when conditions favor disease development.]
Onion, [*]Garlic	Downey Mildew, [*]Bacterial Blight, [*]Purple Blotch, [*]Gray Mold (<i>Botrytis</i>), [*]Bacterial Soft Rot	Growing Season	7	Begin when plants are 4 to 6 inches high and repeat at 7- to 10-day intervals or as needed depending on disease severity. Can cause phytotoxicity to leaves.
[*]Papaya	Anthrachnose	Growing Season	5	Apply before disease appears. Apply at 10- to 14-day intervals under light disease pressure and 5- to 7-day intervals or as needed under heavy disease pressure. The addition of an approved spreader is desirable. [Use the high rate when conditions favor disease.]
Parsley	[*]Bacterial Blight (<i>Pseudomonas</i> sp.), [*]Leaf Scorch, [*]Leaf Spot	Growing Season	10	Begin applications when plants are first established in the garden and repeat at 10-day intervals or as needed depending on disease severity and environmental conditions.
[*]Passion Fruit	Anthrachnose	Growing Season	7	Make initial application just before flowering and repeat on a weekly schedule until just before harvest. [Apply in sufficient water for thorough coverage. Use the high rate for severe disease.]
Pea	Powdery Mildew	Growing Season	7	Begin applications when disease symptoms first appear and repeat at weekly intervals or as needed. [Use the high rate when conditions favor disease.]
Peach	Bacterial Blast (<i>Pseudomonas</i>), Bacterial Canker, Bacterial Spot (<i>Xanthomonas</i>), Coryneum Blight (Shot Hole), [*]Leaf Curl	Fall Dormant	21	Make first application before fall rains and a second at late dormant. For peach leaf curl, late dormant application must be made before leaf buds swell. [Use the high rate when rainfall is heavy and disease pressure is high. If needed, agricultural-type spray oil may be added.]
	[*]Blossom Brown Rot, Coryneum Blight (Shot Hole), [*]Leaf Curl	Growing Season (Pink Bud)	5	Full cover spray at pink bud. Use the high rate when conditions favor disease. Evaluate fruit finish impact on susceptible varieties prior to use.
	Bacterial Spot	Growing Season (Post-Bloom)	7	Apply as a post-bloom cover spray. Repeat at 7-day intervals if needed. PRECAUTION: Spotting of leaves and defoliation may occur from use in cover sprays - varietal differences occur.
[*]Peanut	Cercospora Leaf Spot	Growing Season	7	Begin spraying at 35 to 40 days after planting or when disease symptoms first appear and repeat at 10- to 14-day intervals or as needed. Reduce sprays to 7-day intervals during humid weather. [Use the high rate when conditions favor disease. Flowable sulfur may be added.]
Pear	Fire Blight	Growing Season	5	Apply at 5-day intervals or as needed throughout the bloom period. PRECAUTION: Russetting may occur in copper sensitive varieties. Excessive dosages may cause fruit russet on any variety.
	Blossom Blast (<i>Pseudomonas</i>)	Fall, Late Dormant	Only 1 application	Apply before fall rains and again during dormancy before spring growth starts. [Use the

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
				high rate when disease pressure is high or when conditions favor disease development.]
[*]Pecan	Kernel Rot, Shuck Rot (<i>Phytophthora cactorum</i>), Zonate Leaf Spot (<i>Cristulariella pyramidalis</i>)	Growing Season	14	For suppression, [apply in sufficient water to] ensure complete spray coverage at 2- to 4-week intervals or as needed, starting at kernel growth and continue until shucks open. Use [the high rate and] shorter spray intervals if frequent rainfall occurs.
	Ball Moss, Spanish Moss	Late Dormant		Apply [in 100 gallons of water] in the spring when ball moss is actively growing [, using 1.5 gallons of spray per foot of tree height]. Make sure to wet ball moss tufts thoroughly. A second application may be required after 12 months.
Pepper	[*]Anthracnose, Bacterial Spot, Cercospora Leaf Spot, [*]Gray Mold (<i>Botrytis</i>)	Growing Season	3	Begin applications when condition first favor disease development and repeat at 3- to 10-day intervals or as needed depending on disease severity. [Use the high rate when conditions favor disease.]
Pistachio	[*]Botryosphaeria Panicle and [*]Shoot Blight, [*]Botrytis Blight, Late Blight (<i>Alternaria alternata</i>), Septoria Leaf Blight	Growing Season	14	Make initial application at bud swell and repeat on a 14- to 28-day schedule or as needed. If disease conditions are severe, use [the high rate and] shorter spray intervals.
[*]Potato	Early Blight, Late Blight	Growing Season	5	Apply [0.5 to 1.5 pints] at 5- to 10-day intervals or as needed starting when plants are 2 to 6 inches high in locations where disease is light. [Apply up to 1.5 pints per acre when disease is more severe. Under conditions of severe disease, control with Bon CSP Concentrate will be improved by tank mixing with other compatible fungicides registered for use on potatoes. Read and follow all label instructions of tank mix partners.]
[*]Quince	Fire Blight	Growing Season	5	Apply at 5-day intervals or as needed throughout the bloom period. [Apply in adequate water for thorough coverage.]
Raspberry	Anthracnose, [*]Cane Spot, Leaf Spot, Pseudomonas Blight, [*]Purple Blotch, [*]Yellow Rust	Fall, Late Dormant	7	Make fall application after harvest. Apply delayed dormant spray after training in the spring. [If needed, agricultural-type spray oil may be added.]
	Anthracnose, [*]Cane Spot, Leaf Spot, [*]Purple Blotch, [*]Yellow Rust	Growing Season		Apply when leaf buds begin to open and repeat when flower buds show white. [If needed, agricultural-type spray oil may [used] [be added.] PRECAUTION: Crop injury may occur if applied to foliage under certain environmental conditions such as hot or prolonged moist periods. Discontinue applications if sign of crop injury appear.
Spinach	Anthracnose, [*]Blue Mold, Cercospora Leaf Spot, [*]Downey Mildew, White Rust	Growing Season	7	Begin application when disease first appears or when conditions favor disease development. Repeat at 7- to 10-day intervals or as needed. [Use the high rate when conditions favor disease.] PRECAUTION: Flecking may occur in spinach leaves.
Strawberry	Angular Leaf Spot (<i>Xanthomonas</i>), [*]Leaf Blight, [*]Leaf Scorch, Leaf Spot	Growing Season	7	Begin application when plants are established and continue on a weekly schedule throughout the season. [Apply in at least 20 gallons of water.

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
				Use the high rate when conditions favor disease.] PRECAUTION: Discontinue applications if signs of crop injury appear.
[*]Sugar Apple (<i>Annona</i>)	Anthrachnose	Growing Season	7	Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Apply in sufficient water for thorough coverage. Use the high rate for severe disease.
[*]Sugar Beet	Cercospora Leaf Spot	Growing Season	10	Begin application when conditions favor disease development and repeat at 10- to 14-day intervals or as needed. [Use the high rate when conditions favor disease. Addition of a spreader/sticker is recommended.]
[*]Sycamore	Anthrachnose	Growing Season	7	Apply as a full cover spray [in 100 gallons of water or sufficient volume for thorough coverage]. Make first application at bud crack and second application 7 to 10 days later at 10% leaf expansion. [Use the high rate when conditions favor disease.]
Tobacco	Angular Leaf Spot, Downy Mildew	Growing Season	10	Apply at first sign of disease or when conditions favor disease development.
Tomato	Anthrachnose, Bacterial Speck, Bacterial Spot, [*]Bacterial Wilt, Early Blight, [*]Gray Mold, Gray Leaf Mold, Late Blight, [*]Powdery Mildew, Septoria Leaf Spot	Growing Season	3	Begin applications when disease first threatens and repeat at 3- to 10-day intervals or as needed depending on disease severity. [Use the high rate when conditions favor disease. Same rates apply to crops grown for seed.]
Walnuts	Walnut Blight	Early Season	7	Apply first spray at early pre-bloom prior to or when catkins are partially expanded. Make additional applications during bloom and early nutlet stage or as needed when frequent rainfall or extended periods of moisture occur. Thorough coverage of catkins, leaves, and nutlets is essential for effective control. PRECAUTION: Adequate control may not be obtained when copper tolerant species of <i>Xanthomonas</i> bacteria are present.
[*]Watercress	Cercospora Leaf Spot	Growing Season	7	For applications made to watercress, gardens must be drained of water at least 24 hours prior to each application and water must not be reapplied to the garden for a minimum of 24 hours following each application. Copper must not to be applied to watercress during the aquatic production phase. Begin applications when plants are first established in the garden, repeating at 7- to 14-day intervals or as needed depending on disease severity. [Apply using ground spray equipment at no less than 0.5 gallon of spray solution per 500 sq. ft.]
[*]Wheat, [*]Barley, [*]Oats	Helminthosporium Spot, Blotch, Septoria Leaf Blotch	Growing Season	10	Make first application at early heading and follow with second spray 10 days later. [Use the high rate when conditions favor disease.] For wheat, Bon CSP Concentrate can be applied as a foliar application for early season disease

Crop	Disease	Season	Minimum Retreatment Interval (Days)	Application Instructions
				control and again at early heading and followed with another application 10 days later.

[*Not for use in California.]

STORAGE AND DISPOSAL

Pesticide Storage: Store and transport in an upright position. Store only in original container, in a cool dry place inaccessible to children or pets.

Pesticide Storage and Container Handling: Nonrefillable container. **DO NOT** reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

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

Bonide Products, LLC
6301 Sutliff Road, Oriskany, NY 13424

[batch code inserted at production]

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{Optional Marketing claims:}

- CONTROLS DISEASES: Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, and Molds. ON: Vegetables, Fruits, Herbs, and Nuts
- Where to use: Listed vegetables, nuts, and herbs
- Can be used up to the day of harvest
- Use for early and late blight on tomatoes and potatoes
- Dormant and growing season liquid copper fungicide
- For roses and listed vegetables
- Controls [many] listed plant diseases using low concentrations of copper
- Multi-purpose fungicide
- Broad spectrum fungicide
- Kills fungus
- Made with copper
- No need to spray underside of leaves
- Spraying upper leaf surface provides protection to the underside of the leaf.
- Product translocate through to the underside of the leaf
- Moves [systemically] through leaves
- Translaminar activity through leaves
- Does not stain leaves
- No unpleasant residue
- For use on [vegetables] [fruits] [herbs] [and] [other listed uses]
- Controls [Leaf Spots], Rust, Blights, Fruit Rots, Mildews, Scab, Molds
- For use as a spray and a drench
- Does not clog sprayers
- Does not leave a residue on leaves [like other copper products do]
- Does not stain plants
- No [blue] residue on plants
- Antifungal [and antibacterial**] [**For non-public health bacteria]
- No discoloration [to the crop]

- Rainfast in [XXX] hours
- Rain-proof [within 24 hours] [within hours]
- Creates a protective film layer to protect plants
- For use on Fruits & Vegetables
- Controls Powdery Mildew, Black Spot & Rust!
- Copper Soap Fungicide
- For Listed Fruits & Vegetables
- Controls a wide range of listed plant diseases [powdery mildew] [rusts] [black spot] [leaf & fruit spot] [downy mildew] [fruit rot] [late blight]
- Intended for household use only
- Dormant and growing season application(s)
- Ready to Spray [Applicator] [Application]
- Concentrate
- Protects buds & flowers
- Controls listed plant diseases [using low concentrations of copper]
- For use on [listed vegetables] [fruits] [nuts] [and] [herbs]
- Guaranteed results!
- Fast acting- long lasting [disease control]
- use on [listed vegetables] [fruits] [nuts] [and] [herbs]
- Bonus [x] size
- Bonus [x] oz size
- [xx] more coverage
- Bonus value
- [x]% more than [x] oz size
- [x]% more
- Now covers [xxx] square [sq] feet
- Covers [Treats] [xxx] sq ft.
- [New] [Exclusive] [xx oz] [Special] [Value] [Size]
- New [Enhanced] [Improved] [Formulation] [Formula]!
- [Brand] New [Formula]
- Simple, [Convenient] [Easy] to use
- Proven performance
- New Name [same great results]
- New Name [same familiar formula]
- New Name [Same performance]

{Optional Graphics for use:}

1	 [] [optional icon] People and pets may re-enter treated areas after spray has dried
2	[optional icon for leaf spot, rust, blight, fruit rot, mildew, scab]
3	 [rainfast related claim] [rainproof related claim] [time related claim]
4	
5	[Optional application icons]    
6	[Optional fruits & vegetables icon]

	<div><div><div>FRUITS & VEGETABLES</div></div><div></div><div></div></div>
7	<div><div>[how much to use]</div><div><div>HOW MUCH TO USE</div></div></div>