

802-12

4/12/2011

10/15



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7504P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:
802-12

Date of Issuance:

NOTICE OF PESTICIDE:
XX Registration
XX Reregistration
 (under FIFRA, as amended)

Terms of Issuance:
Conditional

Name of Pesticide Product:
Microcop Fungicide

Central Garden & Pet dba Lilly Miller Brands
 1340 Treat Blvd., Suite 650
 Walnut Creek, CA 94597

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.

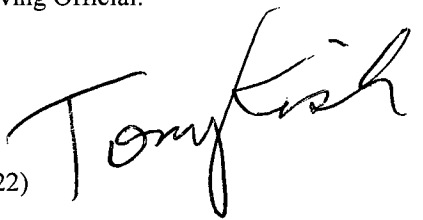
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect 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.

EPA received a label amendment request submitted on 08/14/08. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Copper have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Within 18 months of your receipt of this letter, you must submit a one-year, room temperature Storage Stability and Corrosion Characteristics study to satisfy EPA Guidelines No. 830.6317 and 830.6320. Please refer to the enclosed Product Chemistry Review date 4/30/2009, for further details.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Shaunta Hill at (703) 347-8961 or via e-mail at hill.shaunta@epa.gov.

Signature of Approving Official:

 Tony Kish
 Product Manager (22)
 Fungicide Branch
 Registration Division

Date:
APR 12 2011

LILLY MILLER®
MICROCOP® FUNGICIDE
(Micronized Tribasic Copper Sulfate)

Optional Marketing Statements

Disease control for Fruits, Nuts, Vegetables, Flowers & Shrubs
Disease prevention for fruits, nuts, vegetables, shrubs, vines, and trees
Fixed copper spray for use in place of Bordeaux
To control plant diseases before they occur
Use Year 'Round
Fruit and Nut Trees: To control peach leaf curl, anthracnose, canker, and blights.
Vegetable: To control damping off and lat blight.
Ornamental Shrubs, Vines, and Trees: To control galls, leaf spots, powdery mildew, blights, and dogwood anthracnose.

ACTIVE INGREDIENT:

*Basic Copper Sulfate (CAS 1344-73-6) 94.34%

OTHER INGREDIENTS: 5.66%

Total 100.00%

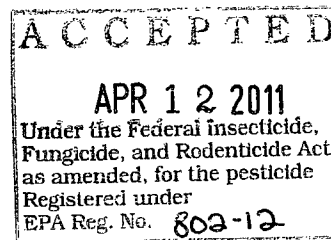
*Metallic copper equivalent 53%

Keep Out of Reach of Children

WARNING

See back/side/other panel(s) for additional Precautionary Statements and First Aid.

NET WEIGHT 8 OZ. (227 g)



FIRST AID	
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed:	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 give anything by mouth to an unconscious person.
If on skin or on clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have 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 Information Center at 1-800-858-7378 for emergency medical treatment information.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Wear safety glasses, goggles or face shield, and long sleeved shirt, long pants, shoes, socks and chemical resistant gloves. Harmful if swallowed, absorbed through the skin or inhaled. Do not get in eyes, on skin or clothing. Avoid inhaling dust or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. 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.

DIRECTIONS FOR USE

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

General Precautions & Restrictions: Do not apply this product in a way that will contact adults, children or pets, either directly or through drift. Do not allow adults, children or pets to enter the treated areas until sprays have dried. Do not exceed labeled use rates. NOTE: One ounce of MICROCOP® FUNGICIDE equals 2 Tablespoons (Tbs) or 6 teaspoons (tsp). Lilly Miller Sta-stuk "m"™ extends the effective life of MICROCOP® FUNGICIDE by resisting the washing effects of rains and snows.

FRUITS AND NUTS

Mix the required amount of MICROCOP® FUNGICIDE with ¼ to 1 cup of water to form a smooth, creamy paste. Next, add this paste to the required amount of water. Shake sprayer frequently while spraying to insure uniformity of solution. Apply 3 gallons of mixed solution to a small tree or bush, 6 gallons of mixed solution to a medium size tree, or 9 gallons of mixed solution to a large tree. Thoroughly spray to the point of runoff, including upper and lower surfaces of foliage. Do not overspray.

APPLES (dormant) – *Anthraxnose, European Canker, Pseudomonas Syringae*: Use 3 to 11½ Tbs. of Microcop Fungicide and 2 tsp. of mineral oil in 3 to 9 gallons of water. Apply after harvest, before fall rains. Use higher rates under severe disease conditions. Do not exceed 11½ Tbs. (5¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 1 application per season.

APPLES (bloom & growing season) – *Fireblight*: Use 1 to 2 tsp. in 3 to 9 gallons of water. Make initial application at silver-tip. Repeat every 5 to 7 days to green-tip. Do not apply after green-tip reaches ½ inch, as phytotoxicity may occur. Do not exceed 2 tsp. MICROCOP® FUNGICIDE (½ oz.) per application. Do not apply more than 11¾ oz. of MICROCOP® FUNGICIDE (5.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

ALMONDS (dormant) – *Bacterial Blast (Pseudomonas), Bacterial Canker, Shot-hole*: Use 3 to 11½ Tbs. of Microcop Fungicide and 2 tsp. of mineral oil in 3 to 9 gallons of water. Make first application after harvest before fall rains, and a second application at late dormant (minimum 7 day interval). Use higher rates under severe disease conditions. Do not exceed 11½ Tbs. (5¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

APRICOTS (dormant) – *Coryneum blight (Shot hole)*: Use 3 to 11½ Tbs. in 3 to 9 gallons of water. Apply after harvest. Reapply every 7-10 days, as needed, throughout the dormant season. Use higher rates under severe disease conditions. Do not exceed 11½ Tbs. (5¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

APRICOTS (bloom & growing season) – *Coryneum Blight (Shot Hole), Blossom Brown Rot*: Use 2 to 6 tsp. in 3 to 9 gallons of water. Reapply every 5 days, as needed throughout bloom & growing season. Apply at popcorn to full bloom as a full cover spray. To avoid spray injury, do not apply after bloom. Do not exceed 6 tsp. (1 oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

AVOCADOS – *Anthrachnose, Blotch, Scab*: Use 2 to 4 Tbs. in 3 to 9 gallons of water. Apply when bloom buds begin to swell. Continue application at 2 to 4 week intervals. Use higher rates when conditions favor disease development. Do not exceed 4 Tbs. (2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 9 oz. MICROCOP® FUNGICIDE (4½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

BLUEBERRIES – *Bacterial Canker*: Use 1 to 3 Tbs. in 3 gallons of water. Make first application before fall rains and second application 4 weeks later. Make additional application every 7 days, as needed, if disease pressure persists. Do not exceed 3 Tbs. (1½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 5¾ oz. MICROCOP® FUNGICIDE (2.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CANEBERRIES (Santiams, Logans, Boysens, Marions, Auroras, Cascades, Chehalems, Thornless Evergreens, Blackberry & Raspberry) (dormant season) – *Anthrachnose, Cane Spot, Leaf Spot, Pseudomonas Blight, Purple Blotch, Yellow Rust*: Use 1 to 3 Tbs. in 3 gallons of water. Make fall application after harvest. Re-apply every 7 days, as needed. Apply delayed dormant spray after training in the spring. Do not exceed 3 Tbs. (1½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 7¼ oz. MICROCOP® FUNGICIDE (3.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CANEBERRIES (Santiams, Logans, Boysens, Marions, Auroras, Cascades, Chehalems, Thornless Evergreens, Blackberry & Raspberry) (growing season) – *Anthrachnose, Cane Spot, Leaf Spot, Pseudomonas Blight, Purple Blotch, Yellow Rust*: Use 2 to 6 tsp. in 3 gallons of water. Apply when leaf buds begin to open and repeat when lower buds show white. Re-apply every 7 days, as needed. NOTE: Crop injury may occur if applied to foliage under certain environmental conditions such as hot or prolonged moist environmental conditions. Discontinue application if signs of crop injury appear. Do not exceed 6 tsp. (1 oz) MICROCOP® FUNGICIDE per application. Do not exceed 7¼ oz. MICROCOP® FUNGICIDE (3.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CHERRY (dormant & late bloom season) - *Dead Bud (Pseudomonas syringae), Coryneum Blight*: Use 3 to 11½ Tbs. in 3 to 9 gallons of water. Reapply every 7 days, as needed. Where the disease is severe a second spray should also be applied shortly after harvest. Do not exceed 11½ Tbs. (5¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

CHERRY (bloom & growing season) – *Brown Rot Blossom*: Use 2 to 6 tsp. in 3 to 9 gallons of water. Apply at popcorn and full bloom every 5 days as needed. Do not exceed 6 tsp. (1 oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

CITRUS (Grapefruit, Kumquat, Lemon, Orange, Pummelo, Tangelo, Tangerine & Lime) – *Melanose, Scab, Pink Pitting, Greasy Spot, Brown Rot, Alternaria*: Use 2 tsp. to 2 Tbs.

in 3 to 9 gallons of water. Apply as pre-bloom and post-bloom sprays. Reapply every 7 days, as needed. For *Scab* suppression, make 2 applications, one just before trees begin to flush and repeat at 2/3 petal fall. For *Melanose*, make application 1-3 weeks after petal fall and repeat 14 days later if necessary. Do not exceed 2 Tbs. (1 oz) MICROCOP® FUNGICIDE per application. Do not exceed 9 oz. MICROCOP® FUNGICIDE (4½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

CITRUS (Grapefruit, Kumquat, Lemon, Orange, Pummelo, Tangelo, Tangerine & Lime) (Suppression only) – *Citrus Canker*: Use 2 to 4 Tbs. in 3 to 9 gallons of water. Spray flushes 7 to 14 days after shoots begin to grow. Young fruit may need additional application. Under heavy disease pressure, each flush of new growth should be sprayed. Do not exceed 4 Tbs. (2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 9 oz. MICROCOP® FUNGICIDE (4½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

CRANBERRIES – *Bacterial Canker*: Use 4 to 8 tsp. in 3 gallons of water. Make first application in late bloom. One or two additional application at 10 to 14 day intervals may be required depending upon disease severity. *Rose Bloom*: Use 4 to 8 tsp. in 3 gallons of water. Apply three sprays on a 10 to 14 day schedule as soon as symptoms are observed. *Bacterial Stem Canker*: Use 4 to 8 tsp. in 3 gallons of water. Apply post harvest and again in spring before bud burst. One or two additional applications at 10 to 14 day intervals may be required depending upon disease severity. *Leaf Blight Red Leaf, Spot Stem Blight Tip, Blight (Monilinia)*: Apply delayed dormant spray in the spring. Repeat at 10 to 14 day intervals as needed through pre-bloom. Do not exceed 8 tsp. (1½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 4½ oz. MICROCOP® FUNGICIDE (2½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

CUCURBITS (*Cucumber, Cantaloupes, Honeydews, Muskmelons, Pumpkins, Squash & Watermelons*) – *Alternaria Leaf Spot, Angular Leaf Spot, Anthracnose, Downy Mildew, Powdery Mildew, Gummy Stem Blight, Watermelon Bacterial Fruit Blotch (suppression)*: Use 1 to 4 tsp. in 3 gallons of water. Begin application when conditions are favorable for disease development. Repeat at 5 to 10 day intervals. Use higher rates when conditions favor disease. NOTE: Crop injury may occur from application at higher rates and shorter intervals. Discontinue use if injury occurs. Do not exceed 4 tsp. (¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 3¾ oz. MICROCOP® FUNGICIDE (1.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CURRENTS & GOOSEBERRY – *Anthracnose, Leaf Spot*: Use 5 to 10 tsp. in 3 gallons of water. Make applications, starting after harvest, before bloom and after petal fall. Continue on a 10 to 14 day schedule during wet conditions in the spring. Make an additional application after harvest. Do not exceed 10 tsp. (1½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 7¼ oz. MICROCOP® FUNGICIDE (3.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

FILBERTS – Permitted Only in Washington State and Oregon. (Post harvest application) *Bacterial Blight*: Use 3 to 9 Tbs. of Microcop Fungicide and 2 tsp. of mineral

oil in 3 to 9 gallons of water. Apply as a post harvest spray every 14 days, as needed. In seasons of heavy rainfall, apply a second spray when three-fourths of the leaves have dropped. Use higher rates when rainfall is heavy and disease pressure is high. *Eastern Filbert Blight*: Use 3 to 9 Tbs. and 2 tsp. superior type oil in 3 to 9 gallons of water. Make initial application after harvest in October before winter rains begin. The next application should be made in late February to early March followed by another application 1 month later. Use higher rates when rainfall is heavy and disease pressure is high. Do not exceed 9 Tbs. (4½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 17½ oz. MICROCOP® FUNGICIDE (8¾ oz. metallic copper equivalent) per 1000 sq. ft. per year.

GRAPES – *Black Rot, Downy Mildew, Phomopsis, Powdery Mildew*: Use 1 tsp. to 4 Tbs. in 3 gallons of water. Begin applications at late dormant up to bud break with subsequent applications throughout the season every 3 days depending upon disease severity. NOTE: Foliage injury may occur on copper sensitive varieties such as Concord, Delaware, Niagara, and Rosette. Do not exceed 4 Tbs. (2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 14½ oz. MICROCOP® FUNGICIDE (7¼ oz. metallic copper equivalent) per 1000 sq. ft. per year.

GUAVA – *Anthraxnose, Red Algae*: Use 2 to 4¾ tsp. in 3 to 9 gallons of water. Make initial application just before flowering. Re-apply every 7-10 days, until just before harvest. Do not exceed 4¾ tsp. (¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 3½ oz. MICROCOP® FUNGICIDE (1¾ oz. metallic copper equivalent) per 1000 sq. ft. per year.

KIWIS – *Erwinia herbicola, Pseudomonas fluorescens, Pseudomonas syringae*: Use 1 to 3 Tbs. in 3 to 9 gallons of water. Apply in 5 gallons of water per 1000 sq. ft. Make 3 applications at 30 day intervals. Do not exceed 3 Tbs. (1½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 4¼ oz. MICROCOP® FUNGICIDE (2½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

MANGO – *Anthraxnose*: Use 4 to 10 tsp. in 3 to 9 gallons of water. Apply at 30 day intervals after fruit set until harvest. Consult Extension Service for local recommendations. Do not exceed 10 tsp. (1⅔ oz) MICROCOP® FUNGICIDE per application. Do not exceed 12¾ oz. MICROCOP® FUNGICIDE (6.3 oz. metallic copper equivalent) per 1000 sq. ft. per year.

MACADAMIA – *Anthraxnose*: Use 4 to 10 tsp. in 3 to 9 gallons of water. Begin applications at first sign of flowering. Re-apply every 7-10 days until just before harvest. *Phytophthora Blight (P. capsici), Raceme Blight (Botrytis cinerea)*: Use 2 to 6 tsp. in 3 to 9 gallons of water. Apply every 7-10 days during raceme development and bloom periods. Use higher rates when conditions favor disease. Do not exceed 10 tsp. (1⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 6½ oz. MICROCOP® FUNGICIDE (3¼ oz. metallic copper equivalent) per 1000 sq. ft. per year.

OLIVES – *Peacock Spot, Olive Knot*: Use 4 to 12 tsp. in 3 to 9 gallons of water. Apply post harvest before winter rain fall. 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. Do not exceed 12 tsp. (2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 4¼ oz. MICROCOP® FUNGICIDE (2⅞ oz. metallic copper equivalent) per 1000 sq. ft. per year.

PAPAYA – *Anthrachnose*: Use 1½ to 10 tsp. in 3 to 9 gallons of water. Begin application before disease is expected to appear. Repeat at 14 day intervals. Use the higher rates when conditions favor disease. Do not exceed 10 tsp. (1⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 15¼ oz. MICROCOP® FUNGICIDE (7.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PASSION FRUIT – *Anthrachnose*: Use 4 to 10 tsp. in 3 to 9 gallons of water. Make initial application just before flowering and repeat every 7 days until just before harvest. Apply in sufficient water volume for thorough coverage. Do not exceed 10 tsp. (1⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 6½ oz. MICROCOP® FUNGICIDE (3¼ oz. metallic copper equivalent) per 1000 sq. ft. per year.

PEACHES & NECTARINES (dormant season) – *Bacterial Blast (Pseudomonas), Bacterial Canker, Bacterial Spot (Xanthomonas), Leaf Curl, Shot-Hole*: Use 3 to 11½ Tbs. of Microcop Fungicide and 2 tsp. of mineral oil in 3 to 9 gallons of water. Make dormant application after leaf drop. Repeat every 7-10 days, as needed, prior to bud swell. Do not exceed 11½ Tbs. (5¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

PEACHES & NECTARINES (bloom & growing season) – *Brown Rot Blossom, Blight (California): Leaf Curl and Coryneum Blight*. Use 2 to 6 tsp. in 3 to 9 gallons of water. Apply as a full cover spray at pink bud. Re-apply every 5-7 days, as needed up to 3 weeks prior to harvest. Do not exceed 6 tsp. (1 oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

PEANUTS – *Cercospora Leaf Spot*: Use 1 to 3 tsp. in 3 gallons of water. Begin spraying 35-40 days after planting or when disease symptoms appear. Use sufficient water to get adequate coverage. Continue application at 10 to 14 day intervals. Reduce spray interval to 7 days during humid weather. Use higher rates when conditions favor disease. Do not exceed 3 tsp. (½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 3⅓ oz. MICROCOP® FUNGICIDE (1.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PEARS & QUINCE (dormant season) – *Pseudomonas blight*: Use 4 to 12 Tbs. in 3 to 9 gallons of water. Apply during dormant season before fall rain begins. Do not exceed 12 Tbs. (6 oz) MICROCOP® FUNGICIDE per application, per season. NOTE: Excessive dosages may cause fruit russet.

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PEARS & QUINCE (bloom & growing season) – *Fireblight*: Use 1 to 2 tsp. in 3 to 9 gallons of water. Apply at 5-7 day intervals throughout bloom period. NOTE: Do not apply to d’Anjou pears. Excessive dosages may cause fruit russet. Do not exceed 2 tsp. (1/3 oz) MICROCOP® FUNGICIDE per application. Do not exceed 11 3/4 oz. MICROCOP® FUNGICIDE (5.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PECANS (dormant season) - *Mosses, Algae, Lichen*: Use 2 3/4 Tbs. in 3 to 9 gallons of water. Apply in dormant season before buds swell, thoroughly wetting limbs and mosses. Do not exceed 2 3/4 Tbs. (1 1/3 oz) MICROCOP® FUNGICIDE per application, per season.

PECANS (growing season) – *Shuck and Kernel rot (Phytophthora cactorum), Zonate leaf spot (Cristulariella pyramidalis)*: Use 1 to 3 Tbs. in 3 to 9 gallons of water. Apply in sufficient water for good coverage at 2 to 4 week intervals starting at kernel growth and continuing until shucks open. Use the higher rate and shorter intervals if frequent rainfall occurs. Do not exceed 3 Tbs. (1 1/2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 5 3/4 oz. MICROCOP® FUNGICIDE (2.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PISTACHIOS – *Botrycsphaeria Panicle Blight, Botrytis Blight, Late Blight (Alternaria alternata), Septoria Leaf Blight, Shoot Blight*: Use 1 to 3 Tbs. in 3 to 9 gallons of water. Make initial application at bud swell and repeat on a 14 to 28 day schedule as needed. If disease conditions are severe, use the higher rates and shorter spray interval. Do not exceed 3 Tbs. (1 1/2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 5 3/4 oz. MICROCOP® FUNGICIDE (2.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PLUMS & PRUNES (dormant season) - *Coryneum blight (Shot hole)*: Use 3 to 12 Tbs. in 3 to 9 gallons of water. Apply as a dormant spray every 7-10 days, as needed. Use the higher rate when rainfall is heavy and/or disease pressure is high. Do not exceed 12 Tbs. (6 oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6 1/2 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PLUMS & PRUNES (blooming & growing season): *Brown rot blossom blight*: Use 2 to 6 tsp. in 3 to 9 gallons of water. Apply full cover application at pink, red or early white bud stage every 5-7 days, as needed. Use the higher rate when disease pressure is heavy or conditions favor disease development. Do not exceed 6 tsp. (1 oz) MICROCOP® FUNGICIDE per application. Do not exceed 13 oz. MICROCOP® FUNGICIDE (6 1/2 oz. metallic copper equivalent) per 1000 sq. ft. per year.

STRAWBERRIES – *Downy Mildew, Leaf Spot, Leaf Blight*: Use 2 to 6 tsp. in 3 gallons of water. Begin application when plants are established and continue every 7-10 days throughout season. Use higher rates only when disease pressure is severe. NOTE: Discontinue applications if signs of phytotoxicity appear. Do not exceed 6 tsp. (1 oz)

MICROCOP® FUNGICIDE per application. Do not exceed 5¾ oz. MICROCOPO® FUNGICIDE (2.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

WALNUTS – *Walnut Blight*: Use 4 to 12 tsp. of Microcop Fungicide and 1 tsp. of mineral oil in 3 to 9 gallons of water. Apply first spray at early pre-bloom prior to or when catkins are partially expanded. Make additional applications at 7 to 10 day intervals during bloom and early nutlet stage or as needed if frequent rainfall occurs. Thorough coverage of catkins, leaves, and nutlets is essential for effective control. NOTE: Adequate control may not be obtained when copper tolerant strains of *Xanthomonas bacteria* are present. Do not exceed 12 tsp. (2 oz) MICROCOPO® FUNGICIDE per application. Do not exceed 18 oz. MICROCOPO® FUNGICIDE (9 oz. metallic copper equivalent) per 1000 sq. ft. per year.

VEGETABLES AND HERBS

Mix the required amount of MICROCOPO® FUNGICIDE with a small amount of water to form a smooth, creamy paste. Next, add this paste to 3 gallons of water and apply to cover 1,000 sq. ft. Shake sprayer frequently while spraying to insure uniformity of solution. Thoroughly spray to the point of runoff, including upper and lower surfaces of foliage. Do not overspray.

BEANS (Dry, Green) – *Bacterial Blight (Halo & Common), Brown Spot, Common Blight, Downy Mildew*: Use 1 to 3 tsp. in 3 gallons of water. For protective sprays, make first application when plants are 6 inches high; repeat as needed, every 7 to 14 days. Use the higher rates when conditions favor disease development. Do not exceed 3 tsp. (½ oz) MICROCOPO® FUNGICIDE per application. Do not exceed 3 oz. MICROCOPO® FUNGICIDE (1½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

BROCCOLI, BRUSSEL SPROUTS, CABBAGE, CAULIFLOWER, COLLARD

GREENS, MUSTARD GREENS & TURNIP GREENS – *Downy Mildew*: Use ½ to 2 tsp. in 3 gallons of water. *Black Leaf Spot (Alternari), Black Rot (Xanthomonas)*: Use 1 to 2 tsp. in 3 gallons of water. Apply every 7 to 10 day, as needed. Begin applications after transplants are set or shortly after emergence of seeded plants or when conditions favor disease development. Use higher rates when conditions favor disease. NOTE: Reddening of older leaves may occur on broccoli and a flecking of wrapper leaves may occur on cabbage. Do not exceed 2 tsp. (⅓ oz) MICROCOPO® FUNGICIDE per application. Do not exceed 1¾ oz. MICROCOPO® FUNGICIDE (0.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CARROTS – *Alternaria leaf Spot, Cercospora Leaf Spot*: Use 1 to 4 tsp. in 3 gallons of water. Begin applications when disease first threatens and repeat at 7 to 14 day intervals, as needed. Use on yellow varieties may cause discoloration. To avoid, pick before spraying. *Fireblight*: Use 1 to 4 tsp. in 3 gallons of water. Make application between silver-tip and green-tip. NOTE: Phytotoxicity may occur from late application - Discontinue use when green-tip is ½ inch. *Crown or Collar Rot (Phytophthora cactorum)*: Use 1 to 4 tsp. in 3 gallons of water. Apply either in early spring or in fall after harvest each year. Do not use if soil pH is below 5.5 or copper toxicity may result.

Do not exceed 4 tsp. ($\frac{2}{3}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 3½ oz. MICROCOP® FUNGICIDE (1¾ oz. metallic copper equivalent) per 1000 sq. ft. per year.

CELERY & CELERIAC – *Bacterial Blight, Cercospora Early Blight, Septoria Late Blight:* Use 1 to 4 tsp. in 3 gallons of water. Begin applications when plants are first established. Re-apply at 7 day intervals, as needed. Do not exceed 3¾ oz. MICROCOP® FUNGICIDE (1.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CHIVES – *Downy Mildew:* Use 1 to 2 tsp. in 3 gallons of water. Begin applications when plants are established. Repeat applications every 7 to 10 days as needed. If disease pressure is high, use the shorter spray interval. Do not exceed 2 tsp. ($\frac{1}{3}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 1¾ oz. MICROCOP® FUNGICIDE (0.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

DILL – *Phoma Leaf Spot:* Use 1 to 3 tsp. in 3 gallons of water. Begin applications when plants are first established and repeat at 7 to 10 day intervals, as needed. If disease pressure is high, use the shorter spray interval and the higher rate. Do not exceed 3 tsp. ($\frac{1}{2}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 2¾ oz. MICROCOP® FUNGICIDE (1.3 oz. metallic copper equivalent) per 1000 sq. ft. per year.

EGGPLANT – *Alternaria Blight, Anthracnose, Phomopsis:* Use 1 to 3 tsp. in 3 gallons of water. Begin applications prior to development of disease symptoms. Repeat sprays at 7 to 10 day intervals, as needed. Do not exceed 3 tsp. ($\frac{1}{2}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 5½ oz. MICROCOP® FUNGICIDE (2¾ oz. metallic copper equivalent) per 1000 sq. ft. per year.

ENDIVE, ESCAROLE, LETTUCE – *Downy Mildew:* Use ½ to 4 tsp. in 3 gallons of water. Begin treatment when disease first appears and repeat every 5 to 10 days, as needed. Do not exceed 4 tsp. ($\frac{2}{3}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 5¾ oz. MICROCOP® FUNGICIDE (2.8 oz. metallic copper equivalent) per 1000 sq. ft. per year.

ONION & GARLIC – *Purple Blotch, Downy Mildew:* Use 1 to 4 tsp. in 3 gallons of water. Begin when plants are 4 to 6 inches high and repeat at 7 to 10 day intervals, as needed. NOTE: Can cause phytotoxicity to leaves. Do not exceed 4 tsp. ($\frac{2}{3}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 4¼ oz. MICROCOP® FUNGICIDE (2½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

PARSLEY – *Bacterial Blight (Pseudomonas sp.):* Use 2 to 4 tsp. in 3 gallons of water. Begin applications when plants are first established in the field and repeat at 10 day intervals. Use the higher rates when conditions favor disease. Do not exceed 4 tsp. ($\frac{2}{3}$ oz) MICROCOP® FUNGICIDE per application. Do not exceed 1¼ oz. MICROCOP® FUNGICIDE (0.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PEAS – Powdery Mildew: use 1½ to 3 tsp. in 3 gallons of water. Begin applications when disease symptoms first appear and repeat every 7 days as needed. Use higher rates when conditions favor disease development. Do not exceed 3 tsp. (½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 2¾ oz. MICROCOP® FUNGICIDE (1.3 oz. metallic copper equivalent) per 1000 sq. ft. per year.

PEPPERS – Bacterial Spot: Use 1 to 3 tsp. in 3 gallons of water. Begin applications when conditions first favor disease development and repeat at 3 to 10 day intervals as needed. Use higher rates when conditions are favorable for disease development. Do not exceed 3 tsp. (½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 8¼ oz. MICROCOP® FUNGICIDE (4½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

POTATOES – Early & Late Blight: Use 2 to 10 tsp. in 3 gallons of water. Apply at 5 to 10 day intervals beginning when plants are 6 inches high until two weeks before harvest. Do not exceed 10 tsp. (1⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 18 oz. MICROCOP® FUNGICIDE (9 oz. metallic copper equivalent) per 1000 sq. ft. per year.

SPINACH – Anthracnose, Blue Mold, Cercospora Leafspot, Downy Mildew, White Rust: Use 1 to 3 tsp. in 3 gallons of water. Begin applications when disease first appears or when conditions favor disease development. Repeat at 7 to 10 day intervals as needed. Use higher rates when conditions favor disease development. NOTE: Flecking may occur on spinach leaves. Do not exceed 3 tsp. (½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 2¾ oz. MICROCOP® FUNGICIDE (1.3 oz. metallic copper equivalent) per 1000 sq. ft. per year.

BEETS – Cercospora Leaf Spot: Use 2 to 5 tsp. in 3 gallons of water. Begin applications when conditions first favor disease development and repeat at 10 to 14 day intervals, as needed. Use the higher rate when disease is severe. Do not exceed 5 tsp. (¾ oz) MICROCOP® FUNGICIDE per application. Do not exceed 5½ oz. MICROCOP® FUNGICIDE (2¾ oz. metallic copper equivalent) per 1000 sq. ft. per year

TOMATOES – Early Blight: Use 1 to 2 tsp. in 3 gallons of water. Apply every 3 days, as needed, before fall rains. Use on yellow varieties may cause discoloration. To avoid, pick before spraying. **Bacterial Speck:** Use 1 to 2 tsp. in 3 gallons of water. Apply every 10-30 days, as needed, beginning when the disease threatens. Use more frequent applications when disease pressure is high. **Bacterial Spot, Anthracnose, Gray Leaf Mold, Gray Leaf Spot, Septoria Leaf Spot, Late Blight:** Use 1 to 2 tsp. in 3 gallons of water. When disease threatens, apply at 3 to 10 day intervals. Use higher rate when disease is severe. Do not exceed 2 tsp. (⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 12 oz. MICROCOP® FUNGICIDE (6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

WATERCRESS – Cercospora Leaf Spot: Use 1 to 2 tsp. in 3 gallons of water. Begin applications when plants are first established. Repeat at 7 to 14 day intervals as

needed, up to 4 applications per year. Do not exceed 2 tsp. (1/3 oz) MICROCOP® FUNGICIDE per application. Do not exceed 1 1/4 oz. MICROCOP® FUNGICIDE (0.6 oz. metallic copper equivalent) per 1000 sq. ft. per year.

ORNAMENTAL WOODY SHRUBS AND VINES including

Mix the required amount of MICROCOP® FUNGICIDE with a small amount of water to form a smooth, creamy paste. Next, add this paste to 3 gallons of water and apply to cover 1,000 sq. ft. Shake sprayer frequently while spraying to insure uniformity of solution. Thoroughly spray to the point of runoff, including upper and lower surfaces of foliage. Do not overspray.

AZALEA - *Galls (Flower, Leaf, Stem)*: Use 1 Tbs. to 3 gallons of water. Apply to entire plant before buds break in the spring. Repeat 2 to 3 weeks later. Should any galled leaves appear, remove and burn. *Anthracnose, Leaf Spots, Botrytis Blight*: Use 1 Tbs. in 3 gallons of water. Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals, as needed. Do not exceed 1 Tbs. (1/2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 7 oz. MICROCOP® FUNGICIDE (3 1/2 oz. metallic copper equivalent) per 1000 sq. ft. per year.

CAMELLIA - *Dieback*; **IVY** - *Bacterial Leaf Spot*. **LAUREL** - *Leaf Blights, Leaf Spots*; **LILAC** - *Leaf Spot*; **PYRACANTHA** - *Fire Blight, Scab*; **RHODODENDRON** - *Botrytis Blight, Bud and Twig Blight, Leaf Spots*; **ROSE** *Powdery Mildew*: Use 1 Tbs. in 3 gallons of water. Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals and after rains as needed. Do not exceed 1 Tbs. (1/2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 7 oz. MICROCOP® FUNGICIDE (3 1/2 oz. metallic copper equivalent) per 1000 sq. ft. per year.

LILAC - *Bacterial Blight*: Use 1 Tbs. in 3 gallons of water. Apply thoroughly in September and again before fall rains. Prune out and burn affected parts of the bush as they appear. Do not exceed 1 Tbs. (1/2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 7 oz. MICROCOP® FUNGICIDE (3 1/2 oz. metallic copper equivalent) per 1000 sq. ft. per year.

FLOWERING SHRUBS - *Certain Leaf Spots (Cercospora, Septoria, Botrytis)*: Use 1 Tbs. in 3 gallons of water. Spray at first appearance of small discolored areas on leaves. Repeat sprays as necessary. Do not exceed 1 Tbs. (1/2 oz) MICROCOP® FUNGICIDE per application. Do not exceed 7 oz. MICROCOP® FUNGICIDE (3 1/2 oz. metallic copper equivalent) per 1000 sq. ft. per year.

ORNAMENTAL AND SHADE TREES including

Mix the required amount of MICROCOP® FUNGICIDE with a small amount of water to form a smooth, creamy paste. Next, add this paste to the required amount of water. Shake sprayer frequently while spraying to insure uniformity of solution. Apply 3 gallons of mixed solution to a small tree, 6 gallons of mixed solution to a medium size tree, or 9 gallons of mixed solution to a large tree.

Thoroughly spray to the point of runoff, including upper and lower surfaces of foliage. Do not overspray.

ARBORVITAE, CYPRESS, JUNIPER - *Berckman's Blight (Arborvitae only)*: Use 1 Tbs. in 3 to 9 gallons of water. Spray twice in fall. First spray in late September or early October and second spray in early November. *Coryneum Blight*: Use 1 Tbs. in 3 to 9 gallons of water. Apply in early spring and fall. Do not exceed 1 Tbs. (½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 7 oz. MICROCOP® FUNGICIDE (3½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

DOGWOOD - *Anthracoese (NW only)*: Use 1 Tbs. in 3 to 9 gallons of water. Begin sprays at bud break, repeat 2 or 3 times at 10 day intervals. *Leaf Spot, Leaf Curl*: Use 1 Tbs. in 3 to 9 gallons of water. Apply as leaves uncurl in spring and repeat in 2 to 3 weeks. Do not exceed 1 Tbs. (½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 7 oz. MICROCOP® FUNGICIDE (3½ oz. metallic copper equivalent) per 1000 sq. ft. per year.

DOUGLAS FIR – *Rhabdocine Needlecast*: Use 4 to 8 tsp. in 3 to 9 gallons of water. Begin applications at bud break and repeat at 7 to 28 day intervals as needed. Do not exceed 8 tsp. (1⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 14½ oz. MICROCOP® FUNGICIDE (7¼ oz. metallic copper equivalent) per 1000 sq. ft. per year.

LIVE OAK – *Ball moss, Spanish moss*: Use 1 to 3 Tbs. in 3 to 9 gallons of water. Apply in spring after heavy rain. Make sure to wet tufts thoroughly. Make a second application, if needed in 12 months. Do not exceed 3 Tbs. (1½ oz) MICROCOP® FUNGICIDE per application. Do not exceed 14½ oz. MICROCOP® FUNGICIDE (7¼ oz. metallic copper equivalent) per 1000 sq. ft. per year.

SYCAMORE – *Anthracoese*: Use 4 to 8 tsp. in 3 to 9 gallons of water. Apply as a full cover spray. Make first application at bud crack and second application 7 to 10 days later (at 10% leaf expansion). Use higher rates when conditions favor disease development. Do not exceed 8 tsp. (1⅓ oz) MICROCOP® FUNGICIDE per application. Do not exceed 14½ oz. MICROCOP® FUNGICIDE (7¼ oz. metallic copper equivalent) per 1000 sq. ft. per year.

STORAGE AND DISPOSAL
PESTICIDE STORAGE: Do not contaminate water, food or feed by storage or disposal. Store this product in its original container and keep out of reach of children and domestic animals. PESTICIDE DISPOSAL: If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. CONTAINER DISPOSAL: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

NOTICE: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Filled by weight not by volume. Product may settle after packaging.

[Lot no. to be added at production]

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