

54705-7

11-95-2007

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Lynne C. Zahigian
Lynne Zahigian Regulatory Consulting
Agent - Lawn and Garden Products, Inc.
P.O Box 1566
Fallon, NV 89407

NOV 05 2007

SUBJECT: Application for Amended Label for Liqui-Cop
EPA Reg. No. 54705-7
Your Submission Dated 2/21/07

Dear Ms. Zahigiane:

The labeling referred to the abovementioned application, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable. A stamped copy of the Master Label for Liqui-Cop is enclosed for your records. Submit one copy of your final printed labeling before you release the product for shipment.

Please contact Bob Tomerlin of my staff at 703-305-0598 (tomerlin.bob@epa.gov) or me at 703-308-9443 (kish.tony@epa.gov) if you have any questions regarding this action.

Sincerely,

A handwritten signature in cursive script that reads "Janet Whitehurst for".

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7505P)

Enclosure

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MASTER LABEL

ACCEPTED
 NOV 5 2007
 54705-7

LIQUI-COP

Alternate Brand Name: LIQUI-COP RTS

COPPER FUNGICIDAL GARDEN SPRAY

**Controls Many Diseases Attacking
 Citrus, Fruits, Nuts, Vegetables and Ornamentals**

FOR RESIDENTIAL USE ONLY

ACTIVE INGREDIENT:	
Copper Ammonium Complex*.....	31.4%
CAS No. 16828-95-8	
OTHER INGREDIENTS:.....	68.6%
TOTAL:.....	100.0%

* Metallic Copper Equivalent, 8.0%
 Contains 0.784 lbs. Copper per gallon.

Sublabel A – Non-Commercial/Residential Uses (Not Subject to the Worker Protection Standard)

Sublabel B – Hose-End Sprayer Label for Non-Commercial/Residential Uses (Not Subject to the Worker Protection Standard)

EPA Reg. No. 54705-7

EPA Est. No. 48498-CA-1



Manufactured for:
LAWN AND GARDEN PRODUCTS, INC.
 P. O. Box 35000 • Fresno, CA 93745 • (559) 499-2100
www.montereylawngarden.com

SUBLABEL A – NONCOMMERCIAL/RESIDENTIAL USES

LIQUI-COP

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EPA Est. No. 48498-CA-1

NET CONTENTS: 1 Pint or 1 Quart



Manufactured for:
LAWN AND GARDEN PRODUCTS, INC.
P. O. Box 35000 • Fresno, CA 93745 • (559) 499-2100
www.montereylawngarden.com

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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 ON SKIN OR 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 SWALLOWED:

- Call 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 the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF INHALED:

- 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye and skin irritation. Harmful if swallowed, absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles, face shield or safety glasses), clothing and chemical-resistant gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Do not use food utensils such as teaspoons or tablespoons for food purposes after use with pesticides.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. For terrestrial uses, do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

PRECAUTIONS: Do not allow adults, children or pets to enter the treated area until sprays have dried. Do not apply this product in a way that will contact adults, children or pets, either directly or through drift. Do not use food utensils such as teaspoons or tablespoons for food purposes after use with pesticides.

SHAKE WELL BEFORE USING.

The control of diseases with fungicides is based on prevention. Plant surfaces must be completely covered with fungicide to successfully prevent infection. Use the highest indicated rate when disease incidence is high or expected to be, depending on rainfall and temperature. The lower rate is suitable for general preventive sprays under normal conditions. Since weather conditions and disease incidence vary, consult your Agricultural Extension Service for timing and initial application.

GENERAL INSTRUCTIONS

Partially fill the spray tank/container with water. Add the desired amount of LIQUI-COP and continue filling the tank/container. If applied with other products, add LIQUI-COP last. Agitate the tank during mixing and application until tank is empty. A plastic or metal stirring stick should provide adequate agitation. Start with clean equipment. Equipment should be flushed well with water after use.

APPLICATION: Apply specified rate in 2 gallons of water per 1,000 sq. ft. Fruit and Nut Trees: Mix specified rate in 9 gallons of water and thoroughly spray tree to the point of runoff, including upper and lower surfaces of any foliage. Do not overspray. Dispose of any excess spray mixture as directed under Storage and Disposal.

NOTE: This product may be reactive on metal and masonry surfaces such as galvanized roofing. AVOID contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

FRUITS AND NUTS

CROP	DISEASE CONTROLLED	RATE	INSTRUCTIONS
ALMONDS	Brown Rot	4 – 6 tsp.	Apply at delayed dormant* bud swell stage. Dormant oil may be used.
	Shot Hole	4 – 6 tsp.	Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply every 3 to 4 weeks up until late bud swell. Do not apply after full bloom.
APPLES	Anthraxnose	4 – 5 tsp.	Apply to foliage after harvest annually for red varieties and once every 2 to 3 years for yellow varieties.
	Apple Scab (Black Spot) Bacterial Canker Blossom and Shoot Blast	4 – 6 tsp.	Apply post-harvest before fall rains.
	Fire Blight	1/2 – 1 tsp. 4 – 6 tsp.	Apply at 10% bloom and repeat at 5 – 7 day intervals during the bloom period. Do not use on copper-sensitive varieties. Apply as a full cover spray between silver-tip and green-tip. Discontinue when green-tip reaches 1/2 inch as injuries may occur.
APRICOTS	Brown Rot Blossom Blight	4 – 6 tsp.	Apply when buds at red bud to jacket fall stage.
	Shot Hole	4 – 6 tsp.	Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply up to late bud swell. Do not apply after full bloom.
AVOCADOS	Anthraxnose	4 tsp.	Apply when the flower buds begin to swell and continue at monthly intervals until August.
BANANAS	Sigatoka	1 – 2 tsp.	Apply every 3 – 4 weeks.
	Black Pitting	2.5 fl. oz.	Mix in 1 gallon of water. Apply directly to the fruit stem and include the basal portion of the leaf crown. Apply during the first and second weeks after fruit emergence.

BLUEBERRIES (Not for use in California)	Bacterial Canker	4 - 5 tsp.	Apply before fall rains and again 4 weeks later.
	Cane Canker	4 - 5 tsp.	Apply before fall rains and again 4 weeks later. In the spring during wet weather, apply at 10-14 day intervals beginning at leaf emergence.
CANE BERRIES	Anthracoise Leaf and Cane Spot Purple Blotch Yellow Rust	1 - 2 tsp.	Apply when leaf buds open. Repeat when flower buds show white and continue at 10 - 14 day intervals.
	Anthracoise Bacterial Blight Leaf and Cane Spot Purple Blotch Yellow Rust	4 - 6 tsp.	Apply in the fall after harvest.
CHERRIES	Deadbud Coryneum Blight	2 fl. oz.	Apply in October (before heavy fall rains) and again in January. Where disease is severe, another application should be applied in August.
	Brown Rot Blossom Blight	4 - 6 tsp.	Apply as a full cover spray at popcorn stage and at full bloom.
CITRUS	Greasy Spot Melanose Pink Pitting Scab	2 - 4 tsp.	Apply as pre-bloom and post bloom sprays.
	Brown Rot	1 - 3 tsp.	Apply in the fall before or just after heavy rains. In areas of skirt sprays, apply to a height of at least 4 feet.
CRANBERRIES	Fruit Rot	4 tsp.	Apply at late bloom. One or two additional applications made at 10 - 14 days may be required depending on disease pressure. Follow the advice of the State Agricultural Extension Service.
CURRANTS, GOOSEBERRIES	Anthracoise Leaf Spot (Cane Blight)	3 - 5 tsp.	Make 3 applications starting after harvest, before bloom and after petal fall.
FILBERTS (Permitted for use only in Washington State and Oregon)	Bacterial Blight	5 - 6 tsp.	Apply after harvest. Under severe conditions, apply again when $\frac{3}{4}$ of the leaves have dropped.
	Eastern Filbert Blight	5 - 6 tsp.	Make initial application after harvest in October before heavy rains begin. The next application should be made in late February or early March, followed by another application 1 month later. Use higher rate when rainfall is heavy and disease pressure is high.
GRAPES	Anthracoise Black Rot Downy Mildew Powdery Mildew	1 tsp.	Apply just before bud break when the shoots are 6 - 8 inches long, just after bloom, and every 4 - 10 days throughout the season as needed. NOTE: Foliar injury may occur on copper sensitive varieties.
KIWI	<i>Pseudomonas syringae</i> <i>Erwinia herbicola</i> <i>Pseudomonas fluorescens</i>	4 tsp.	Apply in 4 gallons of water per 1,000 sq. ft. Make applications on a monthly basis. A maximum of 3 applications may be made.
LIMES	Greasy Spot	4 tsp.	Apply in June and continue at monthly intervals through August.
MANGOS (Not for use in California)	Anthracoise	4 tsp.	Apply weekly from the time the panicles are 2 inches in length until all fruits are set and monthly thereafter until August.
OLIVES	Peacock Spot	2 - 4 tsp.	Make first application before winter rains fall. A second application should be made in early spring if disease is severe.
PEACHES NECTARINES	Bacterial Spot	4 tsp.	Apply as a dormant spray. Make post bloom application at $\frac{1}{4}$ tsp. per gallon at first and second cover sprays. Do not spray later than 3 weeks prior to harvest. Do not use at rates above those recommended. NOTE: Slight defoliation and spotting of leaves may occur from use of cover sprays..
	Blossom Brown Rot	4 - 6 tsp.	Apply as a dormant or delayed dormant* spray. Can use with dormant spray oil. Do not apply at or after full bloom.
	Leaf Curl Shot Hole	4 - 6 tsp.	Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply up until late bud swell. Do not apply after full bloom.
PEARS	Fire Blight	$\frac{1}{2}$ - 1 tsp.	Apply at 10% bloom and repeat at 5 - 7 day intervals throughout bloom period. Do not use on copper sensitive varieties.
	Blossom Blast	4 - 6 tsp.	Apply as a dormant spray. Apply only at bud break to control primary infection.
PECANS	Shuck and Kernel Rot Zonate Leaf Spot	2 - 5 tsp.	For suppression, apply in sufficient water to ensure complete spray coverage at 2 - 4 week intervals starting at kernel growth and continuing until shucks open. Use the higher rate and shorter interval if frequent rainfall occurs.

PISTACHIOS	Alternaria Late Blight	4 – 6 tsp.	Apply at 50% and full bloom followed by up to 3 applications at 30-day intervals.
	Botrytis Blight Botryosphaeria Panicle Shoot Blight Septoria Leaf Blight	4 – 6 tsp.	Make initial application at bud swell and repeat on a 14 – 28 day schedule as dictated by disease conditions. If disease conditions are severe, use the higher rate and shorter interval.
PLUMS PRUNES	Brown Rot Blossom Blight Coryneum Blight (Shot Hole)	4 – 6 tsp.	Apply as a dormant spray before heavy rains begin. For Brown Rot, apply at early green bud to full popcorn stages.
	Bacterial Blast Bacterial Canker	4 – 6 tsp.	Apply at dormant to early pink stage.
STRAWBERRIES	Leaf Spot Scorch	3 – 4 tsp.	Spray at 7 – 10 day intervals from the time new growth starts until harvest.
WALNUTS	Walnut Blight	4 – 6 tsp.	Make first application at early pre-bloom. Make second application at late pre-bloom. Make additional applications if disease conditions persist.

* Delayed Dormant – The period just before blossom buds break open.

VEGETABLES

CROP	DISEASE CONTROLLED	RATE	INSTRUCTIONS
BEANS, PEAS, LENTILS (Succulent and Dry)	Bacterial Blight (Halo and Common)	2 – 6 tsp.	Apply when plants are 3 - 5 inches high and before diseases appear. Repeat at 7 – 10 day intervals or at 5 – 7 day intervals under severe disease pressure.
BEETS	Cercospora Leaf Spot	3 – 6 tsp.	Apply when disease appears making 3 to 6 sprays at 10 – 14 day intervals. Apply more frequently under severe disease pressure.
CARROTS	Early Blight Late Blight	4 – 6 tsp.	Apply when plants are 6" high. Make 3 to 5 applications at 7 – 10 day intervals.
CELERY	Bacterial Blight Early Blight Late Blight	4 – 6 tsp.	Apply as soon as plants are established and repeat at 5 – 7 day intervals.
CORN (Sweet) (Not for use in California)	Bacterial Rot Bacterial Stripe Bacterial Wilt Leaf Blight Stalk Rot	4 tsp.	Apply when disease appears and repeat as necessary.
CRUCIFERS [[Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Greens (Collard, Mustard and Turnip)]	Blackleaf Spot Black Rot	2 – 6 tsp.	Apply when disease appears and repeat at 7 – 10 day intervals.
	Downy Mildew	1 – 2 tsp.	Apply when disease appears and repeat at 7 – 10 day intervals.
CUCURBITS [Cantaloupe, Cucumber, Honeydew, Muskmelon, Pumpkin, Squash, Watermelon]	Alternaria Leaf Spot Angular Leaf Spot Anthracnose Downy Mildew Gummy Stem Blight Powdery Mildew Watermelon Bacterial Fruit Blotch	3 – 4 tsp.	Apply when disease appears and repeat at 7 to 10-day intervals.
ONIONS	Downy Mildew Purple Blotch	4 tsp.	Apply when plants are 4 - 6 inches high and repeat at 7 to 10-day intervals.
PEPPERS	Bacterial Spot Cercospora Leaf Spot	3 - 6 tsp.	Make first application upon emergence of seedlings or immediately after transplanting and repeat at 7 – 10 day intervals. When disease is severe, apply at 4 - 5 day intervals. NOTE: Disease control is critical during fruiting.
POTATOES	Early Blight Late Blight	3 - 6 tsp.	Apply at first appearance of disease and repeat at 7 – 10 day intervals.
SPINACH	Anthracnose Cercospora Leaf Spot Downy Mildew	3 tsp.	Apply on first appearance of disease and repeat at 7 – 10 day intervals.
TOMATOES	Bacterial Speck Bacterial Spot Early Blight Late Blight	3 – 6 tsp.	Make first application upon emergence of seedlings or immediately after transplanting and repeat at 7 – 10 day intervals. When disease is severe, apply at 4 – 5 day intervals. Complete coverage is essential for disease control.

MISCELLANEOUS

CROP	DISEASE CONTROLLED	RATE	INSTRUCTIONS
CARAMBOLA (Not for use in California)	Anthracoese	6 tsp.	Make initial application just before flowering and repeat on a weekly schedule until just before harvest.
CHIVES (Not for use in California)	Downy Mildew	4 tsp.	Begin applications when plants are first established. Repeat applications every 7 - 10 days as dictated by disease conditions. If disease pressure is high, use the shorter spray interval.
DILL (Not for use in California)	Phoma Leaf Spot Rhizoctonia Foliage Blight	6 tsp.	Begin applications when plants are first established and repeat at 7 - 10 day intervals depending upon disease severity and environmental conditions. If disease pressure is high, use the shorter spray interval.
DOUGLAS FIR	Rhabdocline Needlecast	4 tsp.	Begin applications at bud break and repeat at 3 - 4 week intervals. Apply in a tank mix with another registered pesticide if moderate to severe disease pressure is present.
GUAVA	Anthracoese Red Algae	6 tsp.	Make initial application just before flowering and repeat on a weekly schedule until just before harvest.
LITCHI (Not for use in California)	Anthracoese	6 tsp.	Make initial application just before flowering and repeat on a weekly schedule until just before harvest.
LIVE OAK	Ball Moss	2 fl. oz.	Apply 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 necessary after 12 months. NOTE: LIQUI-COP may be injurious to ornamentals grown under Live Oaks. This product may be reactive on metal and masonry surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
MACADAMIA	Anthracoese	3 tsp.	Initiate sprays at first sign of flowering and repeat on a weekly schedule until just before harvest.
	Phytophthora Blight Raceme Blight	2 - 3 tsp.	Apply during raceme development and bloom periods.
PAPAYA (Not for use in California)	Anthracoese	2 - 5 tsp.	Begin applications before disease appears and repeat at 10 - 14 day intervals. Apply at 5 - 7 day intervals during periods of heavy rainfall. Use higher rates when conditions favor disease.
PARSLEY (Not for use in California)	Bacterial Blight	6 tsp.	Begin applications when plants are first established and repeat at 5 - 7 day intervals depending upon disease severity and environmental conditions.
PASSION FRUIT (Not for use in California)	Anthracoese	3 tsp.	Make initial application just before flowering and repeat on a weekly schedule until just before harvest.
SUGAR APPLE (Annona) (Not for use in California)	Anthracoese	4 - 6 tsp.	Make initial application just before flowering and repeat on a weekly schedule until just before harvest.
SYCAMORE	Anthracoese	4 - 6 tsp.	Apply as a full coverage spray. Apply in 1 gallon of water or sufficient volume for thorough coverage. Make first application at bud crack and second application 7 - 10 days later at 10% leaf expansion.

ORNAMENTALS

Apply as a thorough coverage spray using 2 teaspoons per gallon of water. Begin application at first sign of disease and repeat at 7-14 day intervals as needed. Use shorter interval during periods of frequent rains or when severe disease conditions persist.

Notice to User: Plant sensitivities to LIQUI-COP have been found acceptable in specific genera and species listed on this label; however, it is impossible to know sensitivities under all conditions and phytotoxicity may occur. Due to the large numbers of species and varieties of ornamentals, it is impossible to test every one for sensitivity to LIQUI-COP. Neither the manufacturer or seller recommends use upon species not listed on the label nor has it been determined that LIQUI-COP can safely be used on ornamental plants not listed on this label.

CROP	DISEASE CONTROLLED
Althaea (Rose of Sharon)	Bacterial leaf spot
Aralia	Xanthomonas leaf spot, Cercospora leaf spot, Alternaria
Arborvitae	Alternaria twig blight, Cercospora leaf blight
Azalea ⁽¹⁾	Cercospora leaf spot, Botrytis blight, Phytophthora die+back, Powdery mildew
Begonia	Bacterial leaf spot (Xanthomonas sp., Erwinia sp., Pseudomonas sp.)

Bougainvillea	Anthracnose, Bacterial leaf spot
Bulbs (Tulip, Gladiolus)	Anthracnose, Botrytis blight
Camellia	Anthracnose, Bacterial leaf spot
Camphor tree	Pseudomonas leaf spot
Canna	Pseudomonas leaf spot
Carnation ⁽¹⁾	Alternaria blight, Pseudomonas leaf spot, Botrytis blight
Chinese tallow tree	Bacterial leaf spot (Xanthomonas sp., Pseudomonas sp.)
Chrysanthemum ⁽¹⁾	Septoria leaf spot, Botrytis blight
Cotoneaster	Botrytis blight
Dahlia	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot
Date palm	Pestalotia leaf spot
Dianthus	Bacterial spot, Bacterial soft rot
Dogwood	Anthracnose
Dusty miller	Bacterial leaf spot (Pseudomonas cichorii)
Echinacea	Bacterial leaf spot (Pseudomonas chiorii)
Elm "Drake"	Xanthomonas leaf spot
Euonymus	Botrytis blight Anthracnose
European fan palm	Pestalotia leaf spot
Gardenia	Alternaria leaf spot, Botrytis bud rot, Cercospora leaf spot
Geranium	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot
Gladiolus	Alternaria leaf spot, Botrytis gray mold, Bacterial leaf blight
Goldenrain tree	Bacterial leaf spot
Hibiscus	Bacterial leaf spot
Holly fern	Pseudomonas leaf spot
Impatiens	Bacterial leaf spot
Ivy (English, Algerian) ⁽¹⁾	Xanthomonas leaf spot
Ixora	Xanthomonas leaf spot
Juniper (Eastern red cedar)	Anthracnose
Lantana	Bacterial leaf spot
Lilac	Cercospora leaf spot
Loblolly bay	Anthracnose
Loquat	Entomosporium maculata, Colletotrichum sp.
Magnolia (Saucer)	Bacterial leaf spot
Magnolia (Southern)	Algal leaf spot, Anthracnose, Bacterial leaf spot
Magnolia (Sweet bay)	Anthracnose
Mandevillas	Anthracnose
Marigold	Alternaria leaf spot, Botrytis leaf and flower rot, Cercospora leaf spot
Mulberry, weeping	Bacterial leaf spot
Oak, laurel	Algal leaf spot (Cephaleuros virescens)
Oleander	Bacterial leaf spot, Fungal leaf spot
Pachysandra	Volutella leaf blight
Pansy	Downy mildew
Pear (Flowering)	Fireblight, Leaf spot
Pentas (Egyptian star)	Bacterial leaf spot (Xanthomonas sp.)
Peony	Botrytis blight
Periwinkle	Phomopsis stem blight
Philodendron	Bacterial leaf spot
Powder puff plant	Bacterial leaf spot
Pyracantha	Fireblight, scab
Queen palm	Exosporium leaf spot, Phytophthora bud rot
Rhododendron	Alternaria flower spot
Rose ⁽¹⁾	Powdery mildew, Black spot
Verbena	Xanthomonas leaf spot
Viburnum	Anthracnose
Washingtonia palm	Pestalotia leaf spot
Weeping willow	Anthracnose
Yucca (Adam's needle)	Cercospora leaf spot, Septoria leaf spot

⁽¹⁾ Discoloration of foliage and/or blooms has been noted on some varieties.

TURFGRASS

To control algae in ornamental lawns and turf, apply 1 pint of LIQUI-COP in 5 gallons of water per 1,000 square feet. LIQUI-COP may be used alone or in combination with other registered fungicides as maintenance spray. Observe all precautions and limitations on the label of each product used in tank mixes.

NOTE: Phytotoxicity may occur depending upon varietal differences. Apply the recommended rate to a small area and observe for 7 to 10 days for signs of injury. If phytotoxicity occurs, discontinue use. Do not apply in a spray solution with a pH of less than 6.5.

FROST INJURY PROTECTION

Bacterial Ice Nucleation Inhibitor – Application of LIQUI-COP to all crops listed on this label at rates indicated, just prior to anticipated frost conditions, will sustain control of ice nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola* and *Pseudomonas fluorescens*) and may therefore provide protection against light frost.

NOTE: Not recommended for those geographic areas where weather conditions favor severe frost.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a secure, locked area away from pets and out of the reach of children. Store only in original container and place in a locked storage area.

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

WARRANTY

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Lawn and Garden Products, Inc., the manufacturer, or the seller.

To the extent consistent with applicable law, the products sold to you are furnished "as is" by Lawn and Garden Products, Inc. The manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. Except as warranted by this label, Lawn and Garden Products, Inc., the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer or user's exclusive remedy, and Lawn and Garden Products Inc.'s, the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of Lawn and Garden Products, Inc., or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, Lawn and Garden Products, Inc., the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and user waive any right that may have to such damages.

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**Sublabel B – READY-TO-SPRAY LABEL
FOR NON-COMMERCIAL/RESIDENTIAL USES**

LIQUI-COP RTS
COPPER FUNGICIDAL SPRAY

**Controls Many Diseases Attacking
Citrus and Fruit & Nut Trees**

**Ready-To-Spray Bottle
Just Attach to Garden Hose & Spray**

FOR RESIDENTIAL USE ONLY

ACTIVE INGREDIENT:
Copper Ammonium Complex* 31.4%
CAS No. 16828-95-8
OTHER INGREDIENTS: 68.6%
TOTAL: 100.0%

* Metallic Copper Equivalent, 8.0%
Contains 0.784 lbs. Copper per gallon.

EPA Reg. No. 54705-7

EPA Est. No. 48498-CA-1

NET CONTENTS: 32 FL. OZ. (1 QT)



Manufactured for:
LAWN AND GARDEN PRODUCTS, INC.
P. O. Box 35000 • Fresno, CA 93745 • (559) 499-2100
www.montereylawnandgarden.com

KEEP OUT OF REACH OF CHILDREN CAUTION	
FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • 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 ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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 SWALLOWED:	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Causes skin and eye irritation. Harmful if swallowed, absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles, face shield or safety glasses), clothing and chemical resistant gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. For terrestrial uses, do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

PRECAUTIONS: 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 treated area until sprays have dried.

SHAKE WELL BEFORE USING.

The control of fungal disease is based on prevention. Plant surfaces must be completely covered with fungicide to successfully prevent infection.

GENERAL INSTRUCTIONS

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

NOTE: This product may be reactive on metal and masonry surfaces such as galvanized roofing. AVOID contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

HOW TO USE THIS SPRAYER: Shake Container Well Before Getting Started.

1. Before you start, the blue flow switch should be in the "OFF" position, and the red flow switch should be in the up, "CLOSED" position.
2. Shake container well and attach it to your garden hose, while holding sprayer at waist level and pointing in a direction away from face and body.
3. Turn on the water from the faucet.
4. When you are ready to spray, turn the blue flow switch to "ON" position; turn red flow switch to the forward, "OPEN" position; and begin spraying.
5. When you are finished spraying or if you have to stop spraying at any time, turn the blue flow switch back to the "OFF" position and the red flow switch to the "CLOSED" position.

FRUITS AND NUTS

CROP	DISEASE CONTROLLED	INSTRUCTIONS
ALMONDS	Brown Rot	Apply at delayed dormant* bud swell stage.
	Shot Hole	Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply every 3 to 4 weeks up until late bud swell (the period in Spring before buds begin to open). Do not apply after full bloom.
APPLES	Apple Scab (Black Spot) Bacterial Canker Blossom and Shoot Blast	Apply post-harvest before fall rains.
APRICOTS	Brown Rot Blossom Blight	Apply when buds show red color until brown bud jackets have fallen.
	Shot Hole	Apply in late fall or early winter before winter rains or snow. Repeat in late winter or early spring before buds break. Do not apply after full bloom.
AVOCADOS	Anthrachnose	Begin application when the flower buds begin to swell and continue at monthly intervals until August.
BLUEBERRIES (Not for use in California)	Bacterial Canker	Apply before fall rains and again 4 weeks later.
	Cane Canker	Apply before fall rains and again 4 weeks later. In the spring, during wet weather, apply at 10-14 day intervals beginning at leaf emergence.

CANE BERRIES	Anthraco-nose Bacterial Blight Leaf and Cane Spot Purple Blotch Yellow Rust	Apply in the fall after harvest.
CHERRIES	Brown Rot Blossom Blight	Apply as a full cover spray at popcorn stage and at full bloom.
CITRUS	Greasy Spot Melanose Pink Pitting Scab	Apply as pre-bloom and post bloom sprays.
CRANBERRIES	Fruit Rot	Apply at late bloom. One or two additional applications made at 10 – 14 days may be required. Follow the advice of the State Agricultural Extension Service.
CURRANTS, GOOSEBERRIES	Anthraco-nose Leaf Spot (Cane Blight)	Make 3 applications starting after harvest, before bloom and after petal fall.
LIMES	Greasy Spot	Apply in June and continue at monthly intervals through August.
MANGOS (Not for use in California)	Anthraco-nose	Apply weekly from the time the flowers are 2 inches in length until all fruits are set and monthly thereafter until August.
OLIVES	Peacock Spot	Make first application before winter rains fall. A second application should be made in early spring if disease is severe.
PEACHES NECTARINES	Bacterial Spot	Apply as a dormant spray.
	Blossom Brown Rot	Apply as a dormant or delayed dormant* spray. Do not apply at or after full bloom.
	Leaf Curl Shot Hole	Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply up until bud swell. Do not apply after full bloom.
PEARS	Blossom Blast	Apply as a dormant spray. Apply only at bud break to control primary infection.
PECANS	Shuck and Kernel Rot Zonate Leaf Spot	For suppression, apply at 2 – 4 week intervals starting at kernel growth and continuing until shucks open. Use shorter interval if frequent rainfall occurs.
PISTACHIOS	Alternaria Late Blight	Apply at 50% and full bloom followed by up to 3 applications at 30-day intervals.
	Botrytis Blight Botryosphaeria Panicle Shoot Blight Septoria Leaf Blight	Make initial application at bud swell and repeat on a 14 – 28 day schedule as dictated by disease conditions. If disease conditions are severe, use the higher rate and shorter interval.
	Shot Hole	Apply as a dormant spray before heavy rains begin.
	Bacterial Blast Bacterial Canker	Apply at dormant to early pink stage.
WALNUTS	Walnut Blight	Make first application at early pre-bloom. Make second application at late pre-bloom. Make additional applications if disease conditions persist.

* Delayed Dormant – The period just before blossom buds break open.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a secure, locked area away from pets and out of the reach of children. Store only in original container and place in a locked storage area.

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

WARRANTY

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Lawn and Garden Products, Inc., the manufacturer, or the seller.

To the extent consistent with applicable law, the products sold to you are furnished "as is" by Lawn and Garden Products, Inc. The manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. Except as warranted by this label, Lawn and Garden Products, Inc., the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer or user's exclusive remedy, and Lawn and Garden Products Inc.'s, the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of Lawn and Garden Products, Inc., or the seller is

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