STATED STATES	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7504P) Ariel Rios Building	V EPA Reg. Number: 19713-509	Date of Issuance: JUN 2 9 2010
	1200 Pennsylvania Ave., NW Washington, D.C. 20460		
	NOTICE OF PESTICIDE: Registration	Term of Issuance: Name of Pesticide Pr	aduat
	<u>X</u> Reregistration (under FIFRA, as amended)	KOP-AM Con Fungicide Spr	nplex Liquid
Name and Add Drexel Chemic P.O. Box 1332 Memphis, TN	7		
versuanon mu			IN USE OF THE PAREL 1
number. On the basis of registered/rereg in no way to be order to protect suspend or can name in connect	In any correspondence on this product always r information furnished by the registrant, the ab- gistered under the Federal Insecticide, Fungicid construed as an endorsement or recommendation thealth and the environment, the Administrator cel the registration of a pesticide in accordance ction with the registration of a product under the right to exclusive use of the name or to its use	efer to the above Ef ove named pesticide e and Rodenticide A ion of this product b r, on his motion, ma with the Act. The a is Act is not to be co	A registration is hereby Act. Registration is by the Agency. In y at any time acceptance of any ponstrued as giving
number. On the basis of registered/rereg in no way to be order to protect suspend or can name in connec the registrant a This product is 1) Submit and	In any correspondence on this product always r information furnished by the registrant, the ab- gistered under the Federal Insecticide, Fungicid construed as an endorsement or recommendat t health and the environment, the Administrator cel the registration of a pesticide in accordance ction with the registration of a product under th	efer to the above Efer ove named pesticide e and Rodenticide A ion of this product b r, on his motion, ma with the Act. The a is Act is not to be co if it has been covere ed that you: tration review of yo	A registration is hereby Act. Registration is by the Agency. In y at any time acceptance of any onstrued as giving ed by others.

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Commercial /Ag Label

2) The rate up to 12 quarts (2.35 lbs. copper) at the delayed-dormant bud swell stage to treated almonds must be revised to 1.5 lbs. copper).

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3) A size area (such as per acre) must be added to the use directions to treat crown or collar rot as a drench to apples and rate must comply with the RED (see the attached table).

4) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing."

5) The following revisions are needed to the Agricultural Use Requirements box:

-The REI must be revised to 48 hours.

-The early entry PPE must be revised to read:

"Coveralls over long-sleeved shirt and long pants, Chemical-resistant gloves made of any waterproof material, Chemical-resistant footwear plus socks, Chemical-resistant headgear for overhead exposure and Protective eyewear."

-Per the revised label table, the following double notification text must be added to the label:

"Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas."

-Add the following eye wash text:

"For at least seven days following the application of copper-containing products in greenhouses: -at least one container or station designed specifically for flushing eyes is available in operating condition with the WPS-required decontamination supplies for workers entering the area treated with copper-containing products,

-workers are informed orally, in a manner they can understand:

-that residues in the treated area may be highly irritating to their eyes,

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-that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,

-that if they do get residues in their eyes, they should immediately flush their eyes with the eye flush container that is located with the decontamination supplies and -how to operate the eye flush container or eye flush station."

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6) Spray drift text must be added to the label and must read:

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"Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and the method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluated all factors and make appropriate adjustments when applying this product.

Droplet Size

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

For aerial application:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for EPA

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aircraft safety.

When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

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For groundboom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy."

7) The following revisions are needed to the directions for use:

-The text "Rate of Application" appearing in the rate tables must be revised to state the area treated (such as per acre). See the attached Table for acceptable rates.

Apples:

The following text must be added to the rate restrictions for apples currently on the label: "Between silver-tip and green-tip:

The maximum application rate per application is 6.0 lbs metallic copper per acre. Only one application per season is permitted."

Caneberries:

Rates up to 12 quarts (2.4 lbs metallic copper) per acre exceed the maximum allowable individual application rate of 2.0 lbs metallic copper per acre. The label must be revised.

Cacao:

The name "Cocoa" must be revised to read "Cacao."

Filberts:

The text "Permitted only in Washington and Oregon" must be added to the label.

Chives:

Per the RED, the text "Do not apply more than 0.79 lbs of copper (4 qts. of this product) per acre per application. Do not apply more than 3.95 lbs of copper (20 qts. of this product) per acre per year" must be revised to read "Do not apply more than .53 lbs of copper (2.7 qts of this product) per acre per acre per application. Do not apply more than 2.65 lbs of copper (13.5 qts. of this product) per acre per year."

Greenhouse and Shade House:

The text "or as disease pressure dictates", "or as needed" must be deleted from the use directions for eggplant, tomatoes and citrus.

Ornamentals:

An area to be treated must be added to the text "Apply as a thorough coverage spray using 1 quart of this product per 100 gallons of water" and the rate must comply with the rate restrictions specified in the RED.

Home and Garden Use Label (Change this heading to Intended for Home and Garden Use)

8) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing."

Note: The text "Wear protective eyewear (goggles, face shield or safety glasses), clothing and chemical resistant gloves when handling this product....Do not use food utensils such as teaspoons or tablespoons for food purposes after use with pesticides" may remain in this section of the label.

9) To the Table on page 12-14, add how much of an area the rate will treat. Specify how much of an area the Table on page 15-16 will treat.

10) To page 16, change "For home and garden use" to "intended for home and garden use" and "for residential use" to "intended for residential use".

For Hose-End Applicator Label

11) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing."

Note: The text "Wear protective eyewear (goggles, face shield or safety glasses), clothing and chemical resistant gloves when handling this product....Do not use food utensils such as teaspoons or tablespoons for food purposes after use with pesticides" may remain in this section of the label.

12) Specify a treatment area for the Table on page 18.

A stamped copy of the label is enclosed for your records. You must submit one copy of the final

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printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next round of printing must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supersedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

ACCEPTED with COMMENTS In EPA Letter Dated: JUN 2 9 2010

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

13-509

MASTER LABEL

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FOR COMMERCIAL/AGRICULTURAL CROP FUNGICIDE AND WOOD TREATMENT USE LABEL

KOP-AN Complex Liquid Fungicide Spray

ACTIVE INGREDIENT:

Copper ammonium complex*	31.4%
OTHER INGREDIENTS:	68.6%
TOTAL:	100.0%

* CAS No. 16828-95-8; Metallic copper equivalent, 8.0%. This product contains 0.784 pound of Copper per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION See FIRST AID Below

SHAKE WELL BEFORE USING

EPA Reg. No. 19713-509

EPA Est. No. 19713-XX-XXX

XXX Net Content: FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes.
- 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 or convulsing person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

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 reaction in certain individuals. Avoid contact with the skin, eyes or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some material that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators, and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate or viton, and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticide (140 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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



DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 24 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, chemical-resistant gloves made of any waterproof material, protective eyewear, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of the product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries or greenhouses.

Do not enter or allow others to enter the treated area until sprays have dried.

CHEMIGATION

Do not apply this product through any irrigation system unless this section on chemigation is followed.

Apply this product only through center pivot, motorized lateral move or traveling gun sprinkler irrigation systems that do not contain aluminum components. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make the necessary adjustments should the need arise.

Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There should be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain (Conal interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement

injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

When mixing, fill the nurse tank half full with water. Add this product slowly to the tank while hydraulic or mechanical agitation is operating and continue filling the tank with water. Stickers, spreaders, nutrients, insecticides, etc. should be added last. If the compatibility is questionable, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations that can occur, observe all cautions and limitations on the labels of all the products used in mixtures. This product should be continuously added through a traveling irrigation system. Agitation is recommended.

APPLICATION AND CALIBRATION TECHNIQUES FOR SPRINKLER IRRIGATION

Center Pivot, Motorized Lateral Move and Traveling Gun Irrigation Equipment: Operate system and injection equipment at normal pressures recommended by the manufacturer of the injection equipment used. Fill tank of injection equipment with water. Operate system for one complete circle for center pivot or one complete run for motorized lateral move or traveling gun equipment, measuring time required, amount of water injected and acreage contained in circle or run. Mix recommended amount of this product for acreage to be covered into the same amount of water used during calibration and inject into system continuously for one revolution or run. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until this product has been cleared from the last sprinkler head.

USE INFORMATION

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

USE INSTRUCTIONS

Partially fill the spray tank with water, add the desired amount of this product and continue filling the tank. If applied with other products, add this product last. Use agitation during mixing and application, until tank is empty. Good bypass agitation is adequate. Observe all precautions and limitations on labeling of all products used in mixtures. In common with all good agricultural practice, start with clean equipment; equipment should be flushed well with water after use.

Ground Application-Dilute Spraying: Apply specified rate in 10 to 100 gallons of water per acre. **Orchard and Grove Spraying:** Apply specified rate in 100 to 800 gallons of water per acre. **Concentrate Spraying:** On Vegetable crops use 5 to 25 gallons of spray mixture per acre; on Fruit and Nut trees use 20 to 250 gallons per acre.

AIR APPLICATION: Apply specified rate in 3 to 20 gallons of water per acre.

FRUIT AND NUT CROPS

Crop	Disease Controlled	Rate of Application
Almonds	Brown rot	8 to 12 qts.
	SPECIFIC DIRECTIONS: Apply at mant bud swell stage. Dormant oil	t delayed-dor- may be used.
	Shot hole	8 to 12 qts.
	SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infectio periods. Reapply every 3 to 4 wee bud swell. Do not apply after full b	n during rainy
		(Continued)

FRUIT AND	NUT	CROPS	
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Crop	Disease	Rate of	Crop	Disease	Rate of
	Controlled	Application		Controlled	Application
	ons: During the dormant or late do than 8 lbs. of copper (40.8 qts. of		Blueberries	Bacterial canker	8 to 10 gts.
acre per applic the bloom or gr	ation. Minimum retreatment interval rowing period, do not apply more that	is 7 days. During an 1.5 lbs. of cop-		SPECIFIC DIRECTIONS: App spreader/sticker before Fall ra	
treatment inter				Cane canker	8 to 10 qts.
Do not apply n per acre per ye	nore than 18 lbs. of copper (91.8 qt	s. of this product)		SPECIFIC DIRECTIONS: App	
Apples	Anthracnose	8 to 10 gts.		spreader/sticker before Fall ra later. In the Spring during wet	
, ppico	SPECIFIC DIRECTIONS: Apply to			14-day intervals beginning at I	eaf emergence.
	harvest annually.			ons: Do not apply more than : his product) per acre per applic	
	Apple scab (black spot), Bacter- ial canker, Blossom and Shoot blast	8 to 12 qts.	more than 8.4	lbs. of copper (42.8 qts. of thi num retreatment interval is 7	s product) per acre
	SPECIFIC DIRECTIONS: Apply p fore Fall rains.	oost-harvest be-	Caneberries	Anthracnose, Leaf and Cane spot, Purple blotch, Yellow rust	2 to 4 qts.
	Crown or Collar rot	4 qts.		SPECIFIC DIRECTIONS: A	pply when leaf buds
	SPECIFIC DIRECTIONS: Mix in water. Apply 4 gallons of suspens			open. Repeat when flower to continue at 10- to 14-day in	ouds show white and
	on the lower trunk area of each tr	ee. Apply either		Anthracnose, Bacterial	8 to 12 gts.
	in early Spring or in late Fall after use if soil pH is below 5.5 since c may result.	harvest. Do not opper toxicity		blight, Leaf and Cane spot, Purple blotch, Yellow	0 10 12 910.
	Fireblight	1 to 2 qts.		SPECIFIC DIRECTIONS: A	pply in the Fall after
	SPECIFIC DIRECTIONS: Apply a and repeat at 5- to 7-day intervals		Use Restriction	harvest. ons: Do not apply more than :	2.5 lbs. of conner
	period. Do not use on copper sen		(12.7 ats. of th	is product) per acre per applic	cation. Do not apply
	Fireblight	8 to 12 qts.	year. Minimum	lbs. of copper (51 qts. of this p retreatment interval is 10 day	vroduct) per acre per
	SPECIFIC DIRECTIONS: Apply a spray between silver-tip and gree	n-tip. Discon-	Cherries	Deadbud, Coryneum	6 qts. per
	tinue when green-tip reaches one juries may occur.	-half inch as in-		blight SPECIFIC DIRECTIONS: A	100 gals. of water
Use Restrictio	ons: During the Fall or late dorma	nt period, do not		fore heavy Fall rains) and a	gain in January.
	In 8 lbs. of copper (40.8 qts. of this . Only one application is permitted			Where disease is severe, and should be applied in August	
ing the bloom of	or growing period, do not apply mo	re than 0.5 lb. of		Brown rot blossom blight	2 to 3 qts. per
copper (2.5 qts retreatment inte	 of this product) per acre per appli erval is 5 days. 	ication. Minimum			100 gals. of water
	ore than 16 lbs. of copper (81.6 gts	af this product)		SPECIFIC DIRECTIONS:	Apply as a full cove
		s. or this product)		spray at popcorn stage and	at full bloom.
per acre per ye	ear.	7.65 to 12 gts.		ons: During the dormant or la	at full bloom. te dormant period, do
per acre per ye		7.65 to 12 qts.	not apply more acre per applie ing the bloom	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs.
per acre per ye	ear. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a	7.65 to 12 qts.	not apply more acre per applic ing the bloom of copper (7.6	ons: During the dormant or late e than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acree	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs.
per acre per ye	ear. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a	7.65 to 12 qts. tred bud to 7.65 to 12 qts. t leaf fall to pro-	not apply more acre per applid ing the bloom of copper (7.6 mum retreatm Do not apply n	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acre ent interval is 5 days. nore than 18 lbs. of copper (9	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini-
per acre per ye	ear. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole	7.65 to 12 qts. tred bud to 7.65 to 12 qts. tt leaf fall to pro- n during rainy	not apply more acre per applit ing the bloom of copper (7.6: mum retreatm Do not apply n uct) per acre p	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acre ent interval is 5 days. nore than 18 lbs. of copper (9 per year.	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod-
per acre per ye	ear. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infectic periods. Reapply up to late bud so apply after full bloom.	7.65 to 12 qts. tred bud to 7.65 to 12 qts. tleaf fall to pro- on during rainy well. Do not	not apply more acre per applid ing the bloom of copper (7.6 mum retreatm Do not apply n	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acre ent interval is 5 days. nore than 18 lbs. of copper (9	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod- 0.75 to 2 qts. per 100 gals. of water
per acre per ye Apricots Use Restrictio	ear. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infectic periods. Reapply up to late bud so	7.65 to 12 qts. It red bud to 7.65 to 12 qts. It leaf fall to pro- on during rainy well. Do not mant period, do	not apply more acre per applit ing the bloom of copper (7.6: mum retreatm Do not apply n uct) per acre p	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acre ent interval is 5 days. nore than 18 lbs. of copper (9 per year. Greasy spot, Melanose,	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod- 0.75 to 2 qts. per 100 gals. of water Aerial Application:
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Use Restriction Apricots Use Restriction not apply more acre per applic ing the bloom c of copper (7.65 mum retreatme	Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infection periods. Reapply up to late bud st apply after full bloom. Ins: During the dormant or late dorn than 8 lbs. of copper (40.8 qts. of f ation. Minimum retreatment interva or growing period, do not apply mor of qts. of this product) per acre per a mt interval is 5 days.	7.65 to 12 qts. tt red bud to 7.65 to 12 qts. tt leaf fall to pro- on during rainy well. Do not mant period, do this product) per i is 7 days. Dur- te than 1.5 lbs. pplication. Mini-	not apply more acre per applit ing the bloom of copper (7.6: mum retreatm Do not apply n uct) per acre p	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acre ent interval is 5 days. nore than 18 lbs. of copper (9 per year. Greasy spot, Melanose, Pink pitting, Scab SPECIFIC DIRECTIONS: A post-bloom sprays. May be	at full bloom. te dormant period, do ts. of this product) per nterval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod- 0.75 to 2 qts. per 100 gals. of water Aerial Application: 6 to 8 qts. per 10 gals. of water pply as pre-bloom and
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Use Restriction not apply more acre per applic more per applic mum retreatme Do not apply m uct) per acre per Avocados	ar. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infection periods. Reapply up to late bud so apply after full bloom. nns: During the dormant or late dorn than 8 lbs. of copper (40.8 qts. of the ation. Minimum retreatment interval or growing period, do not apply more than 8 lbs. of copper (40.8 qts. of the ation. Minimum retreatment interval or growing period, do not apply more than 8 lbs. of copper (91.8 qts. ore than 18 lbs. of copper (91.8 qts. ser year. Anthracnose SPECIFIC DIRECTIONS: Apply we buds begin to swell and continue - vals until August. Ins: Do not apply more than 3.15 lb buct) per acre per application. Do no of copper (96.4 qts. of this product) retreatment interval is 14 days. Sigatoka SPECIFIC DIRECTIONS: Apply e weeks. Black pitting SPECIFIC DIRECTIONS: Mix in 10 water. Apply directly to the fruit stern basal portion of the leaf crown. Apply	7.65 to 12 qts. tred bud to 7.65 to 12 qts. tt leaf fall to pro- on during rainy well. Do not mant period, do this product) per i is 7 days. Dur- e than 1.5 lbs. pplication. Mini- s. of this prod- 8 qts. /hen the flower at monthly inter- bs. of copper (16 ot apply more per acre per 2 to 4 qts. very 1 to 4 5.3 qts. 10 gallons of n and include the y during the first	not apply more acre per applit ing the bloom of copper (7.6 mum retreatm Do not apply r uct) per acre p Citrus Citrus Use Restriction qts. of this prod 10 lbs. of copp retreatment int Cocoa Use Restriction qts. of this prod than 15.75 lbs	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acree ent interval is 5 days. more than 18 lbs. of copper (9 ber year. Greasy spot, Melanose, Pink pitting, Scab SPECIFIC DIRECTIONS: A post-bloom sprays. May be sprays at equivalent rates. Brown rot SPECIFIC DIRECTIONS: A or just after heavy rains. In apply to a height of at least or splication. If er (51 qts. of this product) per acre per application. If SPECIFIC DIRECTIONS: A day schedule in high rainfall ons: Do not apply more than 2.2 duct) per acre per application of copper (80.3 qts. of this product) is 7 days. Iron spot, Pink disease	at full bloom. te dormant period, do ts. of this product) per interval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod- 0.75 to 2 qts. per 100 gals. of water Aerial Application: 6 to 8 qts. per 10 gals. of water pply as pre-bloom and e used in concentrate 2 to 6 qts. pply in the Fall before areas of skirt sprays 4 feet. 15 lbs. of copper (16 Do not apply more than acre per year. Minimum 2 to 4 qts. pply on a 14- to 21- areas. 5 lbs. of copper (11.5 Do not apply more oduct) per acre per ys. 2 to 8 qts.
Use Restriction Apricots Use Restriction not apply more acre per applic ng the bloom c of copper (7.65 mum retreatme Do not apply not apply on acre per Avocados Use Restriction ts. of this proc han 18.9 lbs. c year. Minimum Bananas Use Restriction	ar. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infection periods. Reapply up to late bud so apply after full bloom. ons: During the dormant or late dorn than 8 lbs. of copper (40.8 qts. of the ation. Minimum retreatment interval or growing period, do not apply more interval is 5 days. ore than 18 lbs. of copper (91.8 qts er year. Anthracnose SPECIFIC DIRECTIONS: Apply w buds begin to swell and continue vals until August. Ins: Do not apply more than 3.15 lb buct) per acre per application. Do not of copper (96.4 qts. of this product) retreatment interval is 14 days. Sigatoka SPECIFIC DIRECTIONS: Apply e weeks. Black pitting SPECIFIC DIRECTIONS: Mix in 10 water. Apply directly to the fruit stern basal portion of the leaf crown. Apply and second weeks after fruit emergens: Do not apply more than 1.05 lb	7.65 to 12 qts. tred bud to 7.65 to 12 qts. tt leaf fall to pro- on during rainy well. Do not mant period, do this product) per l is 7 days. Dur- e than 1.5 lbs. pplication. Mini- s. of this prod- 8 qts. when the flower at monthly inter- vs. of copper (16 ot apply more per acre per 2 to 4 qts. very 1 to 4 5.3 qts. 0 gallons of n and include the y during the first ence. vs. of copper	not apply more acre per applit ing the bloom of copper (7.6 mum retreatm Do not apply r uct) per acre p Citrus Citrus Use Restriction qts. of this prot 10 lbs. of copp retreatment int Cocoa Use Restriction qts. of this prot than 15.75 lbs year. Minimum	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acree ent interval is 5 days. more than 18 lbs. of copper (9 per year. Greasy spot, Melanose, Pink pitting, Scab SPECIFIC DIRECTIONS: A post-bloom sprays. May be sprays at equivalent rates. Brown rot SPECIFIC DIRECTIONS: A or just after heavy rains. In apply to a height of at least or sply more than 3. duct) per acre per application. If a great is 7 days. Black pod rot SPECIFIC DIRECTIONS: A day schedule in high rainfall ons: Do not apply more than 2.2 duct) per acre per application.	at full bloom. te dormant period, do ts. of this product) per interval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod- 0.75 to 2 qts. per 100 gals. of water Aerial Application: 6 to 8 qts. per 10 gals. of water pply as pre-bloom and e used in concentrate 2 to 6 qts. pply in the Fall before areas of skirt sprays 4 feet. 15 lbs. of copper (16 Do not apply more than acre per year. Minimum 2 to 4 qts. pply on a 14- to 21- areas. 5 lbs. of copper (11.5 Do not apply more roduct) per acre per ys. 2 to 8 qts. Dy 3 applications at the
Der acre per ye Apricots Use Restriction not apply more acre per applic ing the bloom of of copper (7.65 mum retreatme Do not apply m uct) per acre per Avocados Use Restriction than 18.9 lbs. of year. Minimum Bananas	ar. Brown rot blossom blight SPECIFIC DIRECTIONS: Apply a jacket fall stage. Shot hole SPECIFIC DIRECTIONS: Apply a tect buds and shoots from infection periods. Reapply up to late bud so apply after full bloom. ons: During the dormant or late dorn than 8 lbs. of copper (40.8 qts. of that ation. Minimum retreatment interval or growing period, do not apply more i qts. of this product) per acre per a ant interval is 5 days. sore than 18 lbs. of copper (91.8 qts er year. Anthracnose SPECIFIC DIRECTIONS: Apply w buds begin to swell and continue vals until August. ns: Do not apply more than 3.15 lb duct) per acre per application. Do not of copper (96.4 qts. of this product) retreatment interval is 14 days. Sigatoka SPECIFIC DIRECTIONS: Apply e weeks. Black pitting SPECIFIC DIRECTIONS: Mix in 10 water. Apply directly to the fruit sterr basal portion of the leaf crown. Apply and second weeks after fruit emerged	7.65 to 12 qts. tred bud to 7.65 to 12 qts. tt leaf fall to pro- on during rainy well. Do not mant period, do this product) per l is 7 days. Dur- e than 1.5 lbs. pplication. Mini- s. of this prod- 8 qts. when the flower at monthly inter- vs. of copper (16 ot apply more per acre per 2 to 4 qts. very 1 to 4 5.3 qts. 00 gallons of n and include the y during the first ence. vs. of copper Do not apply	not apply more acre per applit ing the bloom of copper (7.6 mum retreatm Do not apply r uct) per acre p Citrus Citrus Use Restriction qts. of this prot 10 lbs. of copp retreatment int Cocoa Use Restriction qts. of this prot than 15.75 lbs year. Minimum	ons: During the dormant or late than 8 lbs. of copper (40.8 q cation. Minimum retreatment in or growing period, do not app 5 qts. of this product) per acree ent interval is 5 days. more than 18 lbs. of copper (9 per year. Greasy spot, Melanose, Pink pitting, Scab SPECIFIC DIRECTIONS: A post-bloom sprays. May be sprays at equivalent rates. Brown rot SPECIFIC DIRECTIONS: A no rjust after heavy rains. In apply to a height of at least or (51 qts. of this product) per acre per application. If and schedule in high rainfall day schedule in high rainfall for copper (80.3 qts. of this product) per acre per application. If aretreatment interval is 14 day Iron spot, Pink disease SPECIFIC DIRECTIONS: Apply to a per application.	at full bloom. te dormant period, do ts. of this product) per interval is 7 days. Dur- ly more than 1.5 lbs. per application. Mini- 1.8 qts. of this prod- 0.75 to 2 qts. per 100 gals. of water Aerial Application 6 to 8 qts. per 10 gals. of water pply as pre-bloom an a used in concentrat 2 to 6 qts. pply in the Fall befor areas of skirt sprays 4 feet. 15 lbs. of copper (16 Do not apply more than acre per year. Minimur 2 to 4 qts. pply on a 14- to 21- areas. 5 lbs. of copper (11.5 Do not apply more roduct) per acre per ys. 2 to 8 qts. Dy 3 applications at th

FRUIT AND NUT CROPS (Cont.)

Сгор	Disease Controlled	Rate of Application	Сгор	Disease Controlled	Rate of Application
Coffee (Cont.)	Bacterial blight, Berry spot, Leaf spot, Leaf rust	3 to 8 qts.	Limes	Greasy spot SPECIFIC DIRECTIONS: Ap	8 qts. ply in June and con-
	SPECIFIC DIRECTIONS: Apply as mended, usually at 2- to 4-week inte ing upon disease severity and rainfa	ervals depend- all conditions.	of this product) pe	tinue at 7-day intervals throus: Do not apply more than 3.15 f ar acre per application. Do not ap	bs. of copper (16 qts ply more than 10 lbs
ots. of this proc than 12.6 lbs. of	ns: Do not apply more than 2.1 lbs. of c luct) per acre per application. Do not of copper (61.2 qts. of this product) pe	apply more	of copper (51 qt treatment interva Mangoes	s. of this product) per acre pe al is 7 days. Anthracnose	r year. Minimum re
Cranberries	retreatment interval is 14 days. Fruit rot SPECIFIC DIRECTIONS: Apply be	8 qts. ginning in late	(Not for Use in CA)	SPECIFIC DIRECTIONS: Ap the time the panicles are 2 in all fruits are set until August.	ply monthly from
	bloom. One or two additional applica 7- to 14-day intervals may be requi upon disease pressure. Follow the State Agricultural Extension Service	red depending advice of the	qts. of this produ than 18.2 lbs. of	s: Do not apply more than 2.6 lb ict) per acre per application. Du copper (92.8 qts. of this produ etreatment interval is 30 days.	o not apply more
qts. of this prod 6.3 lbs. of copp	ns: Do not apply more than 2.1 lbs. of c uct) per acre per application. Do not app er (32 lbs. of this product) per acre per ent interval is 7 days.	bly more than	Olives	Peacock spot	8 to 12 qts. OR 2 to 3 qts. per
Currants, Gooseberries	Anthracnose, Leaf spot (cane blight) SPECIFIC DIRECTIONS: Make 3	5 to 10 qts.		SPECIFIC DIRECTIONS: M before Winter rains fall. A se	cond application
	starting after harvest, before bloom fall.		Liso Postriction	should be made in early Spr vere. s: Do not apply more than 3.15 l	ing if disease is se-
of this product)	ns: Do not apply more than 2.5 lbs. of co per acre per application. Do not apply mo qts. of this product) per acre per year val is 10 days.	ore than 10 lbs.	of this product) p	er acre per application. Do not a 2 qts. of this product) per acre val is 30 days.	oply more than 6.3
Filberts	Bacterial blight SPECIFIC DIRECTIONS: Apply	10 to 12 qts. after harvest.	Peaches, Nectarines	Bacterial spot	2 qts. per 100 gals. of water
	Under severe conditions, apply aga fourths of the leaves have dropped.	in when three-		SPECIFIC DIRECTIONS: An spray. Make post-bloom app per 100 gallons at first and s	lication at 0.5 pt. econd cover
	Eastern filbert blight SPECIFIC DIRECTIONS: Make init			sprays. DO NOT spray later than 3 weeks priot to harvest. DO NOT use at rates above those specified.	
	after harvest in October before hear The next application should be mad ruary to early March followed by an	le in late Feb-		Note: Slight defoliation and sp occur from use in cover spray	S.
	tion 1 month later. If desired, add 1 pi agent or superior type oil per 100 ga Use higher rate when rainfall is heav	allons of water.		Blossom brown rot SPECIFIC DIRECTIONS: Ap delayed-dormant spray. Can	
	pressure is high. ns: Do not apply more than 6 lbs. of co per acre per application. Do not apply			spray oil. DO NOT apply at o Leaf curl, Shot hole	br after full bloom. 8 to 12 qts.
Ibs. of copper (retreatment inte	122.4 qts. of this product) per acre per rval is 14 days.	year. Minimum		SPECIFIC DIRECTIONS: Approtect buds and shoots from	n infection during
Grapes	Anthracnose, Black rot, Downy mildew, Powdery mildew	2 qts.	Lico Postriction	rainy periods. Reapply up ur DO NOT apply after full bloo s: During the dormant or late of	m.
	SPECIFIC DIRECTIONS: Apply ju break, when the shoots are 6 to 8 in after bloom and every 3- to 10-days th son as needed. Foliar injury may occ sensitive varieties.	ches long, just nroughout sea- cur on copper-	not apply more t acre per applica ing the bloom or of copper (7.65 c	han 8 lbs. of copper (40.8 qts. tion. Minimum retreatment inte growing period, do not apply r qts. of this product) per acre pe it interval is 5 days.	of this product) per rval is 7 days. Dur- nore than 1.5 lbs.
this product) pe of copper (102	ns: Do not apply more than 3 lbs. of copp r acre per application. Do not apply mo qts. of this product) per acre per year	ore than 20 lbs.		re than 18 lbs. of copper (91.8 year.	qts. of this prod-
treatment interv Hops	al is 3 days.	2 gts.	Pears, Quince	Fire blight SPECIFIC DIRECTIONS: Ap	1 to 2 qts.
	SPECIFIC DIRECTIONS: Apply as day intervals. Begin with crown tre pruning but before training) and co	needed at 10- eatment (after		and repeat at 5- to 7-day interest the bloom period. Do not use tive varieties.	ervals throughout on copper-sensi-
of this product)	weeks before harvest. ns: Do not apply more than 0.53 lb. of c) per acre per application. Do not ap per (13.5 gts. of this product) per acre	ply more than		Blossom blast SPECIFIC DIRECTIONS: Ap spray. Apply only at bud breat mary infection.	
	ent interval is 10 days. Pseudomonas syringea, Erwinia herbicola, Pseudomonas	8 qts.	apply more than acre per application	s: During the Fall or late dorm 8 lbs. of copper (40.8 qts. of th tion. Only one application is pe	nis product) per rmitted per season.
	fluorescens SPECIFIC DIRECTIONS: Apply in 2 water per acre. Make applications	on a monthly	During the bloom b. of copper (2.5 Minimum retreat	n or growing period, do not app 5 qts. of this product) per acre ment interval is 5 days. re than 16 lbs. of copper (81.6	bly more than 0.5 per application.
	basis. A maximum of 3 applications is: Do not apply more than 2.1 lbs. of co	opper (10.7 gts.	uct) per acre per		
	per acre per application. Do not apply mo ts. of this product) per acre per year val is 30 days.		L		(Continued)
		(Continued)			

and repeat at 5- to 7-day intervals throughout the bloom period. Do not use on copper-sensitive varieties. Blossom blast 8 to 12 gts. SPECIFIC DIRECTIONS: Apply as a dormant spray. Apply only at bud break to control pri-mary infection. tions: During the Fall or late dormant period, do not han 8 lbs. of copper (40.8 qts. of this product) per lication. Only one application is permitted per season. oom or growing period, do not apply more than 0.5 (2.5 qts. of this product) per acre per application. eatment interval is 5 days. more than 16 lbs. of copper (81.6 qts. of this prod-(Continued) KOP-AM Complex Page 4 of 19

FRUIT AND NUT CROPS (Cont.)

Use Restriction (10.7 lbs. of this more than 8.4 lb per year. Minimu Pistachios	Shuck and Kernel rot, Zonate leaf spot SPECIFIC DIRECTIONS: For su in sufficient water to ensure com erage at 2- to 4-week intervals st growth and continuing until shuch higher rate and shorter interval if occurs. s: Do not apply more than 2.1 lb product) per acre per application s. of copper (42.8 qts. of this pro um retreatment interval is 14 days Alternaria late blight SPECIFIC DIRECTIONS: Apply a bloom followed by up to 3 applica intervals. Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the his shorter interval.	blete spray cov- arting at kernel (s open. Use the frequent rainfall s. of copper (). Do not apply duct) per acre (s. (a) to 10.7 qts. (a) to 30% and full ations at 30-day (a) to 10.7 qts. (a) to 10.7 qts. (b) to 10.7 qts. (c) to 28-day sched-
Use Restriction (10.7 lbs. of this more than 8.4 lb per year. Minimu Pistachios	in sufficient water to ensure comp erage at 2- to 4-week intervals st growth and continuing until shuch higher rate and shorter interval if occurs. Is: Do not apply more than 2.1 lb product) per acre per application s. of copper (42.8 qts. of this pro um retreatment interval is 14 days Alternaria late blight SPECIFIC DIRECTIONS: Apply a bloom followed by up to 3 applica intervals. Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the high	blete spray cov- arting at kernel (s open. Use the frequent rainfall s. of copper (). Do not apply duct) per acre (s. (a) to 10.7 qts. (a) to 30% and full ations at 30-day (a) to 10.7 qts. (a) to 10.7 qts. (b) to 10.7 qts. (c) to 28-day sched-
Use Restriction (10.7 lbs. of this more than 8.4 lb per year. Minimu Pistachios Use Restrictions lbs. of this product 8.4 lbs. of coppe	s: Do not apply more than 2.1 lb product) per acre per application s. of copper (42.8 qts. of this pro um retreatment interval is 14 days Alternaria late blight SPECIFIC DIRECTIONS: Apply a bloom followed by up to 3 applica intervals. Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the his	 Do not apply duct) per acres. 8 to 10.7 qts. at 50% and full ations at 30-day 8 to 10.7 qts. nitial application to 28-day sched-
(10.7 lbs. of this more than 8.4 lb per year. Minimu Pistachios	product) per acre per application s. of copper (42.8 qts. of this pro um retreatment interval is 14 days Alternaria late blight SPECIFIC DIRECTIONS: Apply a bloom followed by up to 3 application intervals. Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease conditions are severe, use the history conditions are severe, use the history set the severe severe the severe severe the severe severe severe the severe sev	 Do not apply duct) per acres. 8 to 10.7 qts. at 50% and full ations at 30-day 8 to 10.7 qts. nitial application to 28-day sched-
Pistachios Use Restrictions Ibs. of this product	Alternaria late blight SPECIFIC DIRECTIONS: Apply a bloom followed by up to 3 applica intervals. Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the hi	8 to 10.7 qts. at 50% and full ations at 30-day 8 to 10.7 qts. nitial application to 28-day sched-
Use Restrictions	bloom followed by up to 3 applica intervals. Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the hi	ations at 30-day 8 to 10.7 qts. nitial application to 28-day sched-
Use Restrictions lbs. of this product 8.4 lbs. of coppe	panicle, Shoot blight, Septoria leaf blight SPECIFIC DIRECTIONS: Make i at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the hi	nitial application to 28-day sched-
Use Restrictions	at bud swell and repeat on a 14- ule as dictated by disease condit conditions are severe, use the his	to 28-day sched-
Use Restrictions lbs. of this produce 8.4 lbs. of coppe		
mum retreatmen	s: Do not apply more than 2.1 lbs. o ct) per acre per application. Do not r (42.8 qts. of this product) per ac nt interval is 14 days.	apply more than
Plums,	Brown rot blossom blight, Coryneum blight (shot hole)	8 to 12 qts.
	SPECIFIC DIRECTIONS: Apply a spray before heavy rains begin. F apply at early green bud to full po	For Brown rot,
	Bacterial blast, Bacterial canker	8 to 12 qts.
	SPECIFIC DIRECTIONS: Apply a early pink stage. Where disease 1 quart at 2-week intervals post-t injury may occur.	is severe, apply
not apply more t acre per applicat ing the bloom or of copper (7.65 of mum retreatment	s: During the dormant or late dor han 8 lbs. of copper (40.8 qts. of tion. Minimum retreatment interva growing period, do not apply mo qts. of this product) per acre per a ti interval is 5 days. re than 18 lbs. of copper (91.8 qt vear.	this product) per al is 7 days. Dur- re than 1.5 lbs. application. Mini-
	Leaf spot, Scorch	1.5 to 2 qts. (7.6 qts.–
	SPECIFIC DIRECTIONS: Apply a tervals from the time new growth	Severe disease) at 7- to 10-day in- starts until har-
Use Restriction of this product) p not apply more t acre per applicat	vest. s: Do not apply more than 1 lb. c per acre per application. For seve han 1.5 lbs. of copper (7.6 qts. of tion. Do not apply more than 8.19 product) per acre per year. Minin	of copper (5 qts. re infection, do this product) per lbs. of copper
	Walnut blight	8 to 12 qts.
	SPECIFIC DIRECTIONS: Make f early pre-bloom. Make second ap pre-bloom. Make additional applic conditions persist.	plication at late
qts. of this produ than 25.2 lbs. of	s: Do not apply more than 3.15 linct) per acre per application. Do n copper (128.5 qts. of this produc etreatment interval is 7 days.	lot apply more

FIELD AND VEGE

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Crop	Controlled	Application
Alfalfa	Leaf spot	1 to 2 qts.
	SPECIFIC DIRECTIONS: Apply b	y ground or
	air 10 to 14 days prior to harvest. may occur to sensitive varieties.	
Use Restrictions ats of this produce	: Do not apply more than 0.53 lbs. of ct) per acre per application. Do not a	copper (2.7
than 1.12 lbs. of a	copper (5.7 qts. of this product) per etreatment interval is 30 days.	acre per
Beans, Lentils, Peas	Bacterial blight (halo and com- mon)	1 to 3 qts.
(succulent and dry)	SPECIFIC DIRECTIONS: Apply w are 3 to 5 inches high and before	diseases ap-
Use Restrictions	pear. Repeat at 7- to 10-day intervented intervented by the second secon	
qts. of this produc	ct) per acre per application. Do not	apply more
	copper (24 qts. of this product) and f this product) per acre per year for	
peas, respectivel	y. Minimum retreatment interval is 7	days.
Beets, Sugar	Cercospora leaf spot	1.5 to 3 qts.
beets	SPECIFIC DIRECTIONS: Apply w	
	appears making 3 to 6 sprays at 1 intervals. Apply more frequently ur disease pressure.	0- to 14-day ider severe
Use Restrictions	s: Do not apply more than 1.31 lbs.	of copper
(6.6 qts. of this pr more than 7.86 lt	roduct) per acre per application. Do os. of copper (40 qts. of this product	not apply
year. Minimum re Carrots	treatment interval is 10 days.	2 to 2 ato
Carrois	Early and Late blight SPECIFIC DIRECTIONS: Apply w	2 to 3 qts.
	are 6 inches high. Make 3 to 5 apr 7- to 10-day intervals.	plications at
Use Restrictions	s: Do not apply more than 1 lb. of co	opper (5 ats.
of this product) po lbs. of copper (25	er acre per application. Do not appl 5.5 qts. of this product) per acre per interval is 7 days.	y more than 5
Celery	Bacterial blight, Early and Late	2 to 3 qts.
	blight SPECIFIC DIRECTIONS: Apply as	s soon as
	plants are established in the field a 7-day intervals.	and repeat at
Use Restrictions	s: Do not apply more than 1 lb. of co	opper (5 qts.
5.3 lbs of copper	er acre per application. Do not appl (27 gts. of this product) per acre pe	y more than er vear. Mini-
mum retreatment	interval is 7 days.	
Com (field, pop,	Bacterial rot, Bacterial stripe, Bacterial wilt, Leaf blight, Stalk	2 qts.
sweet)	rot SPECIFIC DIRECTIONS: Apply w	hen disease
	appears and repeat as necessary.	
(5.3 qts. of this pr	S: Do not apply more than 1.05 lbs. roduct) per acre per application. Do s. of copper (21.4 qts. of this produc	not apply
per year. Minimur	m retreatment interval is 7 days.	
Crucifers Broccoli	Black leaf spot, Black rot	1 to 2.7 qts.
Broccoli, Brussels	SPECIFIC DIRECTIONS: Apply by air when disease appears and rep	
sprouts, Cabbage,	10-day intervals.	
Cauliflower,	Downy mildew	0.5 to 1 qt.
Greens (collard,	SPECIFIC DIRECTIONS: Apply by	
mustard, turnip)]	air when disease appears and rep 10-day intervals.	eal al /-10
	: Do not apply more than 0.53 lb. o	
than 2.65 lbs. of c	ct) per acre per application. Do not a copper (13.5 qts. of this product) pe treatment interval is 7 days.	
Cucurbits,	Alternaria leaf spot, Angular leaf	1.5 to 2 gts.
(Cantaloupe,	spot, Anthracnose, Downy	
Cucumber,	mildew, Powdery mildew,	
Honeydew, Muskmelon,	Gummy stem blight, Watermelon bacterial fruit blotch	
Pumpkin,	SPECIFIC DIRECTIONS: Apply by	/ ground or
Squash, Watermelon)	air when disease appears and rep 10-day intervals.	
	: Do not apply more than 1.05 lbs.	
more than 5.25 lb	roduct) per acre per application. Do os. of copper (26.7 qts. of this produ	ct) per acre
	n retreatment interval is 5 days.	

FIELD AND VEGETABLE CROP

Crop	Disease Controlled	Rate of Application
Eggplant	Alternaria blight, Anthracnose, Phomopsis	2 qts.
	SPECIFIC DIRECTIONS: Apply I appears and repeat at 7- to 10-da	before disease ay intervals.
	ns: Do not apply more than 0.79 lb.	
qts. of this prod	luct) per acre per application. Do not copper (40.3 qts. of this product) pe	t apply more
Minimum retrea	atment interval is 7 days.	r acre per year
Onions	Downy mildew, Purple blotch	2 qts.
	SPECIFIC DIRECTIONS: Apply	when plants
	are 4 to 6 inches high and repeat day intervals.	
Use Restrictio	ns: Do not apply more than 1 lb. of per application. Do not apply more t	copper (5 qts.
	s. of this product) per acre per year.	
treatment interv		
Peanuts	Cercospora leaf spot	1.5 to 3 qts.
	SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7-	to 14-dav in-
	tervals.	
	Pod rot complex (Pythium myri-	4 qts.
	otylum, Rhizoctonia solani and Sclerotium	
	rolfsii)	
	SPECIFIC DIRECTIONS: Apply a 12- to 15-inch band over the row.	at pegging in a
Use Restrictio	ns: Do not apply more than 0.79 lb.	of copper (4
qts. of this prod	luct) per acre per application. Do not of copper (24 gts. of this product) per	apply more
	atment interval is 7 days.	acre per year
Peppers	Bacterial spot, Cercospora leaf	1.5 to 3 qts.
	SPECIFIC DIRECTIONS: Make f	iret application
	upon emergence of seedlings or	immediately
	after transplanting and repeat at	
	tervals. When disease is severe, 5-day intervals.	apply at 4- to
	Note: Disease control is critical d	
qts. of this prod than 11.85 lbs.	ns: Do not apply more than 0.79 lb. luct) per acre per application. Do not of copper (60.5 qts. of this product) retreatment interval is 3 days.	apply more
Potatoes	Early and Late blight	1.5 to 3 qts.
	SPECIFIC DIRECTIONS: Apply of	
	ance of disease and continue on	5- to 10-day
Lise Restrictio	ns: Do not apply more than 2.5 lbs.	of conner
	s product) per acre per application.	
more than 25 lb	os. of copper (127.5 gts. of this produ	
	um retreatment interval is 5 days.	
	um retreatment interval is 5 days. Anthracnose, Cercospora leaf	1.5 qts.
	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew	1.5 qts.
	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of	1.5 qts. on first appear
Spinach	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply o ance of disease and repeat at 7- tervals.	1.5 qts. on first appear to 10-day in-
Spinach Use Restrictio	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb.	1.5 qts. on first appear to 10-day in- of copper (4
Spinach Use Restriction qts. of this prod	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. fuct) per acre per application. Do not	1.5 qts. on first appear- to 10-day in- of copper (4 apply more
Spinach Use Restriction qts. of this prod than 3.95 lbs. o	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. fuct) per acre per application. Do not of copper (20 qts. of this product) per	1.5 qts. on first appear- to 10-day in- of copper (4 apply more
Spinach Use Restriction qts. of this prod than 3.95 lbs. o	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. fuct) per acre per application. Do not	1.5 qts. on first appear- to 10-day in- of copper (4 apply more
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. huct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year. 4 to 5 qts. on a 10-day
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. fuct) per acre per application. Do not of copper (20 qts. of this product) per atment interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year 4 to 5 qts. on a 10-day
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. luct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants.	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year 4 to 5 qts. on a 10-day stroy all in-
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. luct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year 4 to 5 qts. on a 10-day stroy all in- 2 qts.
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. fuct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply of	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year 4 to 5 qts. on a 10-day stroy all in- 2 qts.
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. luct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply of when disease appears.	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year 4 to 5 qts. on a 10-day stroy all in- 2 qts. every 10 days
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. uct) per acre per application. Do not of copper (20 qts. of this product) per tervalis 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply e when disease appears. Brown spot	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year 4 to 5 qts. on a 10-day stroy all in- 2 qts. every 10 days 4 to 5 qts.
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. luct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply of when disease appears.	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year. 4 to 5 qts. on a 10-day stroy all in- 2 qts. every 10 days 4 to 5 qts.
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. luct) per acre per application. Do not of copper (20 qts. of this product) per timent interval is 7 days. Angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply of when disease appears. Brown spot SPECIFIC DIRECTIONS: Apply of SPECIFIC DIRE	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year. 4 to 5 qts. on a 10-day stroy all in- 2 qts. every 10 days 4 to 5 qts.
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. tuct) per acre per application. Do not of copper (20 qts. of this product) per angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply of when disease appears. Brown spot SPECIFIC DIRECTIONS: Apply of when disease appears. Damping-off disease SPECIFIC DIRECTIONS: Apply of	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year. 4 to 5 qts. on a 10-day stroy all in- 2 qts. every 10 days 4 to 5 qts. every 10 days 5 to 6 qts. o the seed bed
Spinach Use Restriction qts. of this prod than 3.95 lbs. o Minimum retrea	um retreatment interval is 5 days. Anthracnose, Cercospora leaf spot, Downy mildew SPECIFIC DIRECTIONS: Apply of ance of disease and repeat at 7- tervals. ns: Do not apply more than 0.79 lb. tuct) per acre per application. Do not of copper (20 qts. of this product) per angular leaf spot SPECIFIC DIRECTIONS: Apply of basis when disease appears. Des fected plants. Blue mold SPECIFIC DIRECTIONS: Apply of when disease appears. Brown spot SPECIFIC DIRECTIONS: Apply of when disease appears. Damping-off disease	1.5 qts. on first appear- to 10-day in- of copper (4 apply more acre per year. 4 to 5 qts. on a 10-day stroy all in- 2 qts. every 10 days 4 to 5 qts. every 10 days 5 to 6 qts. o the seed bed

Rate of Disease Crop Controlled Application Tobacco Frog eye disease 4 to 5 ats. (Cont.) SPECIFIC DIRECTIONS: Apply just before transplanting and when topped. Wild fire 2 qts. SPECIFIC DIRECTIONS: Apply every 10 days from seeding to transplanting. Use Restrictions: Do not apply more than 2 lbs. of copper (10.2 gts. of this product) per acre per application. Do not apply more than 8 lbs. of copper (40.8 gts. of this product) per acre per year. Minimum retreatment interval is 10 days. Tomatoes Bacterial speck, Bacterial spot, 1.5 to 2.7 qts. Early and Late blight SPECIFIC DIRECTIONS: Make first application upon emergence of seedlings or immediately after transplanting and repeat at 3- to 10-day intervals. When disease is severe, apply at 3- to 5-day intervals. Complete coverage is essential for disease control. Note: While the labeled rate is particularly effective against Bacterial spot, a tank mix with Maneb or Mancozeb used at the labeled rates controls a broad range of diseases. Use Restrictions: Do not apply more than 0.53 lb. of copper (2.7 qts. of this product) per acre per application. Do not apply more than 17.4 lbs. of copper (88.7 gts. of this product) per acre per year. Minimum retreatment interval is 3 days. Helminthosporium spot blotch, Wheat, Oats, 1.5 to 2 qts. Barley Septoria leaf blotch SPECIFIC DIRECTIONS: Make first application at early heading and follow with second spray 10 days later. Use the higher rate when conditions favor disease. Bacterial wilt, Head scab 2 qts. SPECIFIC DIRECTIONS: Apply when disease appears and repeat as necessary. Use Restrictions: Do not apply more than 0.53 lb. of copper (2.7

qts. of this product) per acre per application. Do not apply more than 1.06 lbs. of copper (5.4 qts. of this product) per acre per year. Minimum retreatment interval is 10 days.

MISCELLANEOUS

Сгор	Disease Controlled	Rate of Application	
Atemoya,	Anthracnose	3 qts.	
Carambola	SPECIFIC DIRECTIONS: Make ini tion just before flowering and repea weekly schedule until just before h in sufficient water for thorough cov	at on a arvest. Apply	
Use Restrictions: Do not apply more than 3.15 lbs. of copper (16 qts. of this product) for Atemoya and 2.1 lbs. of copper (10.7 qts. of this product) for Carambola per acre per application. Do not apply more than 12.6 lbs. of copper (64.2 qts. of this product) and 10.5 lbs. of copper (53.5 qts. of this product) per acre per year for Atemoya and Carambola, respectively. Minimum retreatment interval is 7 days.			
Chives	Downy mildew	2 qts.	
SPECIFIC DIRECTION: Begin applications when plants are first established in the field. Repeat applications every 7 to 10 days as dic- tated by disease conditions. If disease pressure is high, use the shorter spray interval.			
Use Restrictions: Do not apply more than 0.79 lb. of copper (4 qts. of this product) per acre per application. Do not apply more than 3.95 lbs. of copper (20 qts. of this product) per acre per year. Minimum retreatment interval is 7 days.			
qts. of this produ than 3.95 lbs. of	ct) per acre per application. Do not a copper (20 qts. of this product) per a	apply more	

MISCELLANEOUS (Cont.)

Crop	Disease Controlled	Rate of Application
Dill	Phoma leaf spot, Rhizoctonia foliage blight	3 qts.
	SPECIFIC DIRECTIONS: Begin applic plants are first established in the field a 7- to 10-day intervals depending upon severity and environmental conditions. pressure is high, use the shorter spray	and repeat at disease If disease
qts. of this pr than 3.95 lbs	ions: Do not apply more than 0.79 lbs. o oduct) per acre per application. Do not a . of copper (20 qts. of this product) per a eatment interval is 7 days.	pply more
Douglas fir	Rhabdocline needlecast	2 qts.
	SPECIFIC DIRECTIONS: Begin applic break and repeat at 1- to 4-week interv a tank mix with another registered pest erate to severe disease pressure is pre-	als. Apply in icide if mod-
qts. of this pr than 20 lbs. c	ions: Do not apply more than 2 lbs. of c oduct) per acre per application. Do not a of copper (102 qts. of this product) per ac eatment interval is 7 days.	pply more
Ginseng	Alternaria leaf and stem blight	3.5 qts.
	SPECIFIC DIRECTIONS: Use as a tan pounds Rovral 50W in 100 gallons of w applications of this tank mix as soon as emerged in Spring. Applications should every 7 days until plants become dorm scheduled application is to be before a apply fungicides at least 8 hours before giving the fungicides time to dry on the of a spreader-sticker is advised. Note: Alternaria leaf and stem blight an vere in humid conditions such as those dense canopies of 2-, 3- and 4-year old is very important that the stems be thou ered with fungicide; therefore, use a sp tus which distributes the fungicide throu canopy.	vater. Begin s plants have l be repeated ant in Fall. If rain shower, the rain, plants. Use e most se- found in the d Ginseng. It roughly cov- oray appara-
(5.3 qts. of th more than 5.2	ions: Do not apply more than 1.05 lbs. c is product) per acre per application. Do n 25 lbs. of copper (26.7 qts. of this produc imum retreatment interval is 7 days.	not apply
Guava	Anthracnose, Red algae	3 qts.
	SPECIFIC DIRECTION: Make initial ap before flowering and repeat on a week until just before harvest. Apply in suffici thorough coverage.	y schedule
(6.2 qts. of th more than 4.9	ions: Do not apply more than 1.23 lbs. c is product) per acre per application. Do r 32 lbs. of copper (25 qts. of this product) m retreatment interval is 7 days.	not apply per acre per
_itchi	Anthracnose	3 qts.
	SPECIFIC DIRECTION: Make initial ap before flowering and repeat on a weekl until just before harvest. Apply in suffici thorough coverage.	y schedule
(6.2 qts. of th more than 4.9	ions: Do not apply more than 1.23 lbs. c is product) per acre per application. Do r 32 lbs. of copper (25 qts. of this product) n retreatment interval is 7 days.	lot apply
Live Oak	Ball moss	6 qts.
	SPECIFIC DIRECTIONS: Apply in the s Ball moss is actively growing, using 1.5 spray per foot of tree height. Make sure moss tufts throrughly. A second applica required after 12 months. Note: This product may be injurious to grown under Live oaks. This product m tive on metal and masonry surfaces su	i gallons of to wet Ball tion may be ornamentals ay be reac- ch as galva-
	nized roofing. Avoid contact with metal not spray on cars, houses, lawn furnitu	re etc

Crop	Disease Controlled	Rate of Application	
Macadamia	Anthracnose	6 qts.	
	SPECIFIC DIRECTIONS: Initiate s sign of flowering and repeat on a v ule until just before harvest. Apply water for thorough coverage.	veekly sched-	
	Phytopthora blight, Raceme blight	4 to 6 qts.	
	SPECIFIC DIRECTIONS: Apply du ceme development and bloom per sufficient water for thorough covera	iods. Apply in age.	
qts. of this production than 9.44 lbs. of the	:: Do not apply more than 2.36 lbs. ct) per acre per application. Do not a copper (48 qts. of this product) per a nent interval is 7 days.	apply more	
Marney sapote	Anthracnose, Algal leaf spot	6 to 8 qts.	
	SPECIFIC DIRECTIONS: Apply will tions favor disease. Repeat on 14- schedule as disease severity and e tal conditions dictate.	to 30- day environmen-	
(10.7 qts. of this p more than 8.4 lbs	: Do not apply more than 2.1 lbs. or product) per acre per application. Do c. of copper (42.8 qts. of this product m retreatment interval is 14 days.	o not apply	
Papaya	Anthracnose	4 to 10 qts.	
	SPECIFIC DIRECTIONS: Begin at before disease appears and repea intervals. Use higher rates when co favor disease.	tat 14-day	
Use Restrictions: Do not apply more than 2.63 lbs. of copper (13.4 qts. of this product) per acre per application. Do not apply more than 21.2 lbs. of copper (108 qts. of this product) per acre per year. Minimum retreatment interval is 14 days.			
Parsley	Bacterial blight	3 qts.	
Use Restrictions	SPECIFIC DIRECTIONS: Begin any when plants are first established in repeat at 10 day intervals dependin ease severity and environmental co s: Do not apply more than 1 lb. of co er acre per application. Do not apply	the field and ng upon dis- onditions. opper (5 qts.	
lbs. of copper (10 retreatment interv	qts. of this product) per acre per ye	ar. Minimum	
Passion fruit	Anthracnose	6 qts.	
	SPECIFIC DIRECTIONS: Make ini tion just before flowering and repea weekly schedule until just before h in sufficient water for thorough cover	at on a arvest. Apply erage.	
qts. of this production of the	: Do not apply more than 2.36 lbs. ct) per acre per application. Do not a copper (48 qts. of this product) per a nent interval is 7 days.	pply more	
Sugar apples	Anthracnose	8 to 12 qts.	
(Annona)	SPECIFIC DIRECTIONS: Make ini tion just before flowering and repea weekly schedule until just before h in sufficient water for thorough cover	at on a arvest. Apply	
qts. of this production than 12.6 lbs. of c	: Do not apply more than 3.15 lbs. (ct) per acre per application. Do not a copper (64.2 qts. of this product) per treatment interval is 7 days.	pply more	
Sycamore	Anthracnose	2 to 3 qts.	
	SPECIFIC DIRECTIONS: Apply as age spray. Apply in 100 gallons of v cient volume for thorough coverage application at bud crack and secon 7 to 10 days later at 10% leaf expa	water or suffi- e. Make first d application	
qts. of this produc than 20 lbs. of co	: Do not apply more than 2 lbs. of c ct) per acre per application. Do not a pper (102 qts. of this product) per a nent interval is 7 days.	pply more	

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CITRUS (Field Nursery Grown)

To control Brown rot, Citrus canker (suppression only), Greasy spot, Melanose, Pink pitting and Scab, apply 2 quarts of this product per 100 gallons of water (4 to 8 qts./A). Apply this product at 7-day intervals or as needed depending on disease severity.

Use Restrictions: Do not apply more than 3.15 lbs. of copper (16 qts. of this product) per acre per application. Do not apply more than 10 lbs. of copper (51 qts. of this product) per acre per year. Minimum retreatment interval is 7 days.

TURFGRASS

To control Algae in Turfgrass, apply 0.7 pint of this product per 1,000 square feet in 5 gallons of water. This product may be used alone or in combination with other registered fungicides as a maintenance spray. Observe all precautions and limitations on the label of each product used in tank mixes.

Use Restrictions: Do not apply more than 3 lbs. of copper (30.6 pts. of this product) per acre (0.7 pt. per 1,000 sq. ft.) per application. Do not apply more than 9 lbs. of copper (91.8 pts. of this product) per acre (2.1 pts. per 1,000 sq. ft.) per year. Minimum retreatment interval is 10 days. **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.

GREENHOUSE AND SHADE HOUSE CROPS

Notice to User: This product may be used in greenhouses and shade houses to control diseases on some crops which appear on this label. The grower should bear in mind that the sensitivity of crops grown in greenhouses and shade houses differ greatly from crops grown under field conditions. Neither the Manufacturer nor the Seller has determined whether or not this product can be used safely on all greenhouse and shade house-grown crops. The user should determine if this product can be used safely prior to commercial use. In a small area, apply the recommended rates to the plants in question, i.e., foliage, fruit, etc., and observe for 7 to 10 days for symptoms of phytotoxicity prior to commercial use.

Сгор	Diseases	Rate of Application	
Eggplant	Alternaria blight, Anthrac-	4 tbsps.	
	nose, Phomopsis	per 1,000 sq. ft.	
	SPECIFIC DIRECTIONS: Begin applications		
	prior to development of disease symptoms. Re-		
	peat spray at 7- to 10-day intervals or as disease		
	pressure dictates.		
Use Restriction	s: Do not apply more than 3 fl.	ozs. (6 tbsps.) of	
	,000 sq. ft. per application. Do no		
	osps.) of this product per 1,000 sq	. ft. per year. Min-	
	t interval is 7 days.		
Peppers	Bacterial spot	4 to 6 tbsps.	
		per 1,000 sq. ft.	
	SPECIFIC DIRECTIONS: Be		
	when conditions first favor dise		
	and repeat at 3- to 10-day inte		
	depending on disease severity	. Use higher rate	
	for severe disease.		
	s: Do not apply more than 3 fl.		
	,000 sq. ft. per application. Do no		
	tbsps.) of this product per 1,00	0 sq. ft. per year.	
	nent interval is 3 days.		
Tomatoes	Early and Late blight, Bacter-	4 tbsps.	
	ial speck, Anthracnose, Bac-	per 1,000 sq. ft.	
	terial spot, Gray leaf mold,		
	Septoria leaf spot	· · · · · · · · · · · · · · · · · · ·	
	SPECIFIC DIRECTIONS: Be	v	
	when disease first threatens a		
	10-day intervals or as needed of	lepending on dis-	
	ease severity.	· · · · · · · · · · · · · · · · · · ·	
	s: Do not apply more than 2 fl.		
	,000 sq. ft. per application. Do no		
	tbsps.) of this product per 1,000 nent interval is 3 days.	o sq. it. per year.	
		(Continued)	

Crop	Diseases	Rate of Application
Citrus (non-bearing nursery)	Brown rot, Citrus canker, Greasy spot, Melanose, Pink pitting, Scab	6 tbsps. per 1,000 sq. ft
	SPECIFIC DIRECTIONS: Be when disease threatens. Repe intervals or as needed depen- severity.	eat at 7 to 30-day
of this product p than 47.2 fl. oz	ns: Do not apply more than 11.8 fl. per 1,000 sq. ft. per application. E s. (94.5 tbsps.) of this product pe retractment interval is 7 days.	o not apply more

year. Minimum retreatment interval is 7 days 1 fl. oz. = 2 tablespoonsful

ORNAMENTALS

Notice to User: Plant sensitivities to this product have been found to be 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 number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for sensitivity to this product. Neither the Manufacturer nor Seller recommends use upon species not listed on the label, nor has it been determined that this product can be safely used on ornamental or nursery plants not listed on this label. The user should determine if this product can be used safely prior to commercial use.

Use this product on container, bench or bed-grown ornamentals in greenhouses, shade houses or outdoor nurseries, for professional use on ornamentals grown in indoor and outdoor landscaping and for control of bacterial and fungal diseases of foliage, flowers and stems.

Apply as a thorough coverage spray using 1 quart of this product per 100 gallons of water. Begin application at first sign of disease and repeat at 7- to 14-day intervals as needed. Use shorter interval during periods of frequent rains or when severe disease conditions persist. This product may be used alone or in combination with other registered fungicides as a maintenance spray. Observe all precautions and limitations on the label of each product used in tank mixes.

Note: Do not tank-mix this product with Aliette fungicide unless appropriate precautions have been taken to buffer the spray solution. Severe phytotoxicity may result if adequate precautions are not taken. **Use Restrictions:** On Easter Lily, do not apply more than 2.5 lbs. of copper (12.7 qts. of this product) per acre (9.3 fl. ozs. per 1,000 sq. ft.) per application. On other ornamentals, do not apply more than 2 lbs. of copper (10.2 qts. of this product) per acre (7.5 fl. ozs. per 1,000 sq. ft.) per application. Do not apply more than 20 lbs. of copper (102 qts. of this product) per acre (3.8 fl. ozs. per 1,000 sq. ft.) per year. Minimum retreatment interval is 7 days.

Crop	Latin name	Disease
Althaea (Rose of Sharon)	Hibiscus syriacus	Bacterial leaf spot
Aralia	Dizygotheca elegantissima	Alternaria, Cercospora leaf spot, Xanthomonas leaf spot
Arborvitae	Thuja spp.	Alternaria twig blight, Cercospora leaf blight
Azalea ¹	Rhododendron spp.	Botrytis blight, Cercospora leaf spot, Phytophthora dieback, Powdery mildew
Begonia	Begonia semperflorens	Bacterial leaf spot (Erwina sp., Pseudomonas sp., Xanthomonas spp.)
Bougainvillea	Bougainvillea spectabilis	Anthracnose, Bacterial leaf spot
Bulbs (Tulip, Gladiolus)		Anthracnose, Botrytis blight
Camellia	Camellia japonica, C. sasangua	Anthracnose, Bacterial leaf spot
		(Continued)

ORNAMENTALS (Cont.)

Crop	Latin name	Disease
Camphor tree	Cinnamomum camphora	Pseudomonas leaf spot
Canna	Canna spp.	Pseudomonas leaf spot
Carnation ¹	<i>Dianthus</i> spp.	Alternaria blight, Botrytis blight, Pseudomonas leaf spot
Chinese tallow tree	Sapium sebiferum	Bacterial leaf spot (<i>Pseudomonas</i> spp., <i>Xanthomonas</i> spp.)
Chrysanthemum ¹	Chrysanthemum morifolium	Botrytis blight, Septoria leaf spot
Cotoneaster	Cotoneaster spp.	Botrytis blight
Dahlia	Dahlia pinnata	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot
Date palm	Phoenix canariensis	Pestalotia leaf spot
Dianthus	Dianthus spp.	Bacterial soft rot, Bacterial spot
Dogwood	Cornus florida	Anthracnose
Dusty miller	Senecio cineraria	Bacterial leaf spot (Pseudomonas cichorii)
Easter lily ²	Lilium longiflorum	Botrytis blight
Echinacea	Echinacea spp.	Bacterial leaf spot (Pseudomonas cichorii)
Elm "Drake"	Ulmus parvifolia	Xanthomonas leaf spot
Euonymus	Euonymus spp.	Anthracnose, Botrytis blight
European fan palm	Chamaerops humilis	Pestalotia leaf spot
Gardenia	Gardenia jasminoides	Alternaria leaf spot, Botrytis bud rot, Cercospora leaf spot
Geranium	Pelargonium spp.	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot
Gladiolus	Gladiolus spp.	Alternaria leaf spot,
		Bacterial leaf blight, Botrytis gray mold
Goldenrain tree	Koelreuteria paniculata	
Goldenrain tree Hibiscus		Botrytis gray mold
	paniculata Hibiscus	Botrytis gray mold Bacterial leaf spot
Hibiscus Holły fern Impatiens	paniculata Hibiscus rosa-sinensis	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf
Hibiscus Holły fern	paniculata Hibiscus rosa-sinensis Cyrtomium falcatum	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf spot Bacterial leaf spot Anthracnose,
Hibiscus Holły fern Impatiens	paniculata Hibiscus rosa-sinensis Cyrtomium falcatum Impatiens sallerana	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf spot Bacterial leaf spot Anthracnose, Entomosporium leaf
Hibiscus Holly fern Impatiens India hawthorn ³	paniculata Hibiscus rosa-sinensis Cyrtomium falcatum Impatiens sallerana Rhaphiolepis indica Hedera helix,	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf spot Bacterial leaf spot Anthracnose, Entomosporium leaf spot Xanthomonas leaf
Hibiscus Holly fern Impatiens India hawthorn ³ Ivy (English, Algerian) ¹	paniculata Hibiscus rosa-sinensis Cyrtomium falcatum Impatiens sallerana Rhaphiolepis indica Hedera helix, H. canariensis	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf spot Bacterial leaf spot Anthracnose, Entomosporium leaf spot Xanthomonas leaf spot Xanthomonas leaf
Hibiscus Holly fern Impatiens India hawthorn ³ Ivy (English, Algerian) ¹ Ixora Juniper (Eastern red	paniculata Hibiscus rosa-sinensis Cyrtomium falcatum Impatiens sallerana Rhaphiolepis indica Hedera helix, H. canariensis Ixora coccinea	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf spot Bacterial leaf spot Anthracnose, Entomosporium leaf spot Xanthomonas leaf spot Xanthomonas leaf spot
Hibiscus Holly fern Impatiens India hawthorn ³ Ivy (English, Algerian) ¹ Ixora Juniper (Eastern red cedar)	paniculata Hibiscus rosa-sinensis Cyrtomium falcatum Impatiens sallerana Rhaphiolepis indica Hedera helix, H. canariensis Ixora coccinea Juniperus virginiana	Botrytis gray mold Bacterial leaf spot Bacterial leaf spot Pseudomonas leaf spot Bacterial leaf spot Anthracnose, Entomosporium leaf spot Xanthomonas leaf spot Xanthomonas leaf spot Anthracnose

Latin name Crop Disease Colletotrichum spp., Loquat Eriobotrya japonica Entomosporium maculata Magnolia (Saucer) Bacterial leaf spot Magnolia soulangiana Magnolia Magnolia grandiflora Algal leaf spot (Southern) Anthracnose, Bacterial leaf spot Magnolia Magnolia virginiana Anthracnose (Sweet bay) Mandevillas Mandevilla spp. Anthracnose Alternaria leaf spot, Marigold Tagetes spp. Botrytis leaf and flower rot. Cercospora leaf spot Mulberry, weeping Morus alba **Bacterial leaf spot** Oak, Laurel Quercus laurifolia Algal leaf spot (Cephaleuros virescens) Bacterial leaf spot, Oleander Nerium oleander Fungal leaf spot Volutella leaf blight Pachysandra Pachysandra procumbens Pansy Viola spp. Downy mildew Pear (Flowering) Pyrus calleryana Fireblight, Leaf spot Pentas Pentas spp. **Bacterial leaf spot** (Egyptian star) (Xanthomonas sp.) Peony Paeonia spp. Botrytis blight Catharanthus roseus, Periwinkle Phomopsis stem Vinca spp. blight Philodendron Philodendron selloum Bacterial leaf spot. Phlox Alternaria leaf spot Phlox spp. Photinia Photinia fraseri, Anthracnose. Entomosporium P. glabra Pistachio Pistacia chinensis Anthracnose Plantain lily Hosta spp. Bacterial leaf spot Powder puff plant Calliandra spp. Bacterial leaf spot Pyracantha Pyracantha spp. Fireblight, scab Queen palm Exosporium leaf Syagrus spot, Phytophthora romanzoffianum, bud rot Alternaria flower Rhododendron Rhododendron spp. spot Rose¹ Powdery mildew, Rosa spp. Black spot Verbena Verbena spp. Xanthomonas leaf spot Viburnum Viburnum Anthracnose odoratissimum. V. suspensum Washingtonia palm Pestalotia leaf spot Washingtonia robusta Weeping willow Salix babylonica Anthracnose Yucca Yucca spp. Cercospora leaf (Adam's needle) spot, Septoria leaf spot

Note:

¹ Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray just before selling season.

² Apply this product at 3 to 5 quarts in 20 to 100 gallons of water per acre. Also, see "Use Restriction".

³ For India Hawthorn, use 2 to 4 quarts per 100 gallons of water or 2 to 4 level tablespoons per 3 gallons of water.

FROST INJURY PROTECTION

Bacterial Ice Nucleation Inhibitor - Application of this product made to all crops listed on this label at rates indicated on this label, just prior to anticipated frost conditions, will sustain control of ice nucleating bacteria (*Pseudomonas syringae, Erwina herbicola* and *Pseudomonas fluorescens*) and may therefore provide protection against light frost. Not recommended for those geographic areas where weather conditions favor severe frost.

TREATMENT OF WOOD BASED COMPOSITES

For treatment of composite wood products for protection from fungal decay and termite attack, this product can be applied to the furnish (fiber, flakes, chips, particles or strands) either as a solution concentrate or, alternately, diluted with water. The weight percent loading on the furnish should range from 1.0% w/w to 4.0% w/w as copper ammonium acetate complex (0.26 to 1.1% copper metal). The actual amount of copper ammonium acetate complex to make the composite, the desired distribution of this product in the composite, and the anticipated exposure conditions end use of the composite wood product. Consult manufacturer for recommendations on specific products and applications.

Apply the treatment solution by spraying the composite wood component with a low-pressure sprayer. A moderately fine spray, not an aerosol or fog, generally provides the best coverage. Apply in a commercial spray booth. Treatment solution may also be applied by immersing the composite wood components. Immersion systems should be fully contained to recycle any excess solution.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Store in original containers only. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

For liquid dilutable formulations in 5 gallon or larger nonrefillable containers: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-quarter full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use use or disposal. Repeat this procedure 2 or more times. Offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

For liquid dilutable formulations in nonrefillable containers smaller enough to shake (i.e., with capacities equal to or less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-half full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

WARRANTY— CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

KOP-AN Complex Liquid Fungicide Spray

ACTIVE INGREDIENT:

Copper ammonium complex*	31.4%
OTHER INGREDIENTS:	68.6%
TOTAL:	100.0%

* CAS No. 16828-95-8; Metallic copper equivalent, 8.0%. This product contains 0.784 pound of Copper per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

See FIRST AID Below SHAKE WELL BEFORE USING

EPA Reg. No. 19713-509 EPA Est. No. 19713-XX-XXX

Net Content: _

FIRST AID

- IF IN EYES:Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes.
- · 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 or convulsing person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

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 reaction in certain individuals. Avoid contact with the 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, chewing gum, using tobacco, or using the toilet. 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. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

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 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 over the treated area will help avoid runoff to bodies of water or drainage systems.

DIRECTIONS FOR USE

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

ENTRY RESTRICTION

Do not enter or allow others to enter the treated area until sprays have dried.

USE INFORMATION

The control of diseases with fungicides is based on PREVENTION: plant surfaces must be completely covered with the fungicide to successfully prevent infection. Copper pesticides are considered preventative, not curative. Use the highest indicated rate per crop when disease incidence is high or expected to be, depending on rainfall and temperature. The lower rate is suitable for general and preventative sprays under normal conditions. Since the weather conditions and disease incidence vary, consult your Agricultural Extension Service for timing and initial application. Seek advice on identifying specific disease problems and solutions from your local agricultural extension agent or other knowledgeable persons.

USE INSTRUCTIONS

Partially fill the spray tank with water, add the desired amount of this product and continue filling the tank. If applied with other products, add this product last. Use agitation during mixing and application, until tank is empty. Good bypass agitation is adequate. Observe all precautions and limitations on labeling of all products used in mixtures. In common with all good agricultural practice, start with clean equipment; equipment should be flushed well with water after use.



Fruit and Nuts: Mix specified rate in 1 g(_______ of water and 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 tree to point of runoff, including upper and lower surfaces of foliage. Do not overspray. Do not mix more spray solution than needed.

Vegetables: Mix specified rate in 1 gallon of water and apply 2 gallons of mixed solution per 1,000 sq. ft. (1 gallon of mixed solution per 500 sq. ft.).

Miscellaneous: For Herbs: Mix specified rate in 1 gallon of water and apply 2 gallons of mixed solution per 1,000 sq. ft. (0.5 gallon of solution per 250 sq. ft.). For Trees: Mix specified rate in 1 gallon of water and apply 3 gallons of mixed solution to a small tree, 6 gallons to a medium size tree, or 9 gallons of mixed solution to a large tree. Thoroughly spray tree to point of runoff, including upper and lower surfaces of foliage. Do not overspray. Do not mix more spray solution than needed.

Note: This product 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

Fruits and Nuts	Disease Controlled	Rate per Gallon of Water
Almonds	Brown rot	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply at delayed-do mant* bud swell stage. Dormant oil may be use	
	Shot hole	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply at le tect buds and shoots from infection d periods. Reapply every 3 to 4 weeks bud swell. Do not apply after full bloo	uring rainy up to late
Apples	Anthracnose	4 to 5 tsps.
	SPECIFIC DIRECTIONS: Apply to fo harvest, annually.	liage after
	Apple scab (black spot), Bacterial canker, Blossom and Shoot blast	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply post- fore Fall rains.	-harvest be-
	Fireblight	0.5 to 1 tsp.
-	SPECIFIC DIRECTIONS: Apply at 10 and repeat at 5- to 7-day intervals du period. Do not use on copper sensitiv	ring bloom
	Fireblight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply as a spray between silver-tip and green-tip tinue when green-tip reaches one-ha juries may occur.	o. Discon-
Apricots	Brown rot blossom blight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply at re jacket fall stage.	d bud to
	Shot hole	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply at let tect buds and shoots from infection d periods. Reapply up to late bud swell apply after full bloom.	uring rainy
Avocados	Anthracnose	4 tsps.
	SPECIFIC DIRECTIONS: Apply when the flower buds begin to swell and continue at monthly inter- vals until August.	
Bananas	Sigatoka	1 to 2 tsps.
1	SPECIFIC DIRECTIONS: Apply ever weeks.	y 1 to 4
	Black pitting	2.5 fl. ozs.
	SPECIFIC DIRECTIONS: Apply direct fruit stem and include the basal portion crown. Apply during the first and second after fruit emergence.	on of the leaf
		(Continued)

Crop	Disease Controlled	Rate per Gallor of Water
Blueberries	Bacterial canker	4 to 5 tsps
	SPECIFIC DIRECTIONS: Apply with a spreader/sticker before Fall rains and aga later.	ain 4 weeks
	Cane canker	4 to 5 tsps
	SPECIFIC DIRECTIONS: Apply with a spreader/sticker before Fall rains and aga later. In the Spring during wet weather, ap 14-day intervals beginning at leaf emerged	oply at 7- to
Caneberries	Anthracnose, Leaf and Cane spot, Purple blotch, Yellow rust	1 to 2 tsps
	SPECIFIC DIRECTIONS: Apply when open. Repeat when flower buds show continue at 10- to 14-day intervals.	
	Anthracnose, Bacterial blight, Leaf and Cane spot, Purple blotch, Yel- low rust	4 to 6 tsps
	SPECIFIC DIRECTIONS: Apply in the harvest.	Fall after
Cherries	Deadbud, Coryneum blight	2 fl. ozs.
	SPECIFIC DIRECTIONS: Apply in Oc fore heavy Fall rains) and again in Jar Where disease is severe, another app should be applied in August.	nuary.`
	Brown rot blossom blight	4 to 6 tsps
	SPECIFIC DIRECTIONS: Apply as a spray at popcorn stage and at full bloc	om.
Citrus	Greasy spot, Melanose, Pink pitting, Scab	2 to 4 tsps
	SPECIFIC DIRECTIONS: Apply as pro post-bloom sprays. May be used in co sprays at equivalent rates.	
	Brown rot	1 to 3 tsps
	SPECIFIC DIRECTIONS: Apply in the or just after heavy rains. In areas of sl apply to a height of at least 4 feet.	Fall before kirt sprays,
Currants, Gooseberries	Anthracnose, Leaf spot (cane blight)	3 to 5 tsps.
	SPECIFIC DIRECTIONS: Make 3 app starting after harvest, before bloom ar fall.	
Filberts	Bacterial blight	5 to 6 tsps
	SPECIFIC DIRECTIONS: Apply after Under severe conditions, apply again fourths of the leaves have dropped.	
	Eastern filbert blight	5 to 6 tsps
	SPECIFIC DIRECTIONS: Make initial after harvest in October before heavy The next application should be made ruary to early March followed by anoth tion 1 month later. If desired, add 1 pir sticking agent or superior type oil per of water. Use higher rate when rainfall and disease pressure is high.	rains begin. in late Feb- ner applica- nt of a 100 gallons
Grapes	Anthracnose, Black rot, Downy mildew, Powdery mildew	1 tsp.
	SPECIFIC DIRECTIONS: Apply just b break, when the shoots are 6 to 8 inch after bloom and every 3- to 10-days th season as needed. Foliar injury may o per-sensitive varieties.	es long, just roughout
Kiwi	Pseudomonas syringea, Erwinia herbicola, Pseudomonas fluorescens	4 tsps.
	SPECIFIC DIRECTIONS: Apply in 200 water per acre. Make applications on basis. A maximum of 3 applications m	a monthly
	Orean and	4 4
Limes	Greasy spot	4 tsps.
Limes	SPECIFIC DIRECTIONS: Apply in Ju tinue at monthly intervals through Aug	ne and con-

FRUITS AND NUTS (Cont.)

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Fruits and Nuts	Disease Controlled	Rate per Gallon of Water
Mangoes	Anthracnose	4 tsps.
(Not for Use in CA)	SPECIFIC DIRECTIONS: Apply monthly from the time the panicles are 2 inches in length until all fruits are set until August.	
Olives	Peacock spot	2 to 4 tsps.
	SPECIFIC DIRECTIONS: Make first before Winter rains fall. A second ap should be made in early Spring if dis vere.	plication
Peaches,	Bacterial spot	4 tsps.
Nectarines	SPECIFIC DIRECTIONS: Apply as a dormant spray. Make post-bloom application at 0.5 tsp. p gallon at first and second cover sprays. DO NO spray later than 3 weeks prior to harvest. DO No use at rates above those specified. Note: Slight defoliation and spotting of leaves may occur from use in cover sprays.	
	Blossom brown rot	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply as or delayed-dormant* spray. Can use wi spray oil. DO NOT apply at or after fit	th dormant
	Leaf curl, Shot hole	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply at le tect buds and shoots from infection of periods. Reapply up until late bud sw apply after full bloom.	Juring rainy
Pears,	Fire blight	0.5 to 1 tsp.
Quince	SPECIFIC DIRECTIONS: Apply at 1 and repeat at 5- to 7-day intervals th bloom period. Do not use on copper- rieties.	roughout the
	Blossom blast	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply as a spray. Apply only at bud break to cor infection.	dormant
Pecans	Shuck and Kernel rot, Zonate leaf spot	2 to 5 tsps.
	SPECIFIC DIRECTIONS: For suppre- in sufficient water to ensure complete erage at 2- to 4-week intervals startin growth and continuing until shucks o higher rate and shorter interval if free occurs.	e spray cov- ng at kernel pen. Use the
Pistachios	Alternaria late blight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply at 5 bloom followed by up to 3 application intervals.	0% and full ns at 30-day
	Botrytis blight, Botryosphaeria panicle, Shoot blight, Septoria leaf blight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Make initia at bud swell and repeat on a 14- to 2 ule as dictated by disease conditions conditions are severe, use the higher shorter interval.	8-day sched- a. If disease
Plums, Prunes	Brown rot blossom blight, Coryneum blight (shot hole)	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply as a spray before heavy rains begin. For apply at early green bud to full popce	Brown rot,
	Bacterial blast, Bacterial canker SPECIFIC DIRECTIONS: Apply at do early pink stage.	4 to 6 tsps. ormant to
Strawberries	Leaf spot, Scorch	3 to 4 tsps.
2.4	SPECIFIC DIRECTIONS: Apply at 7- tervals from the time new growth star vest.	to 10-day in-
Walnuts	Walnut blight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Make first early pre-bloom. Make second applic pre-bloom. Make additional application	ation at late

VEGETABLES

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Vegetables	Disease Controlled	Rate per Gallon of Water
Beans,	Bacterial blight (halo and common)	2 to 6 tsps.
Lentils, Peas (succulent and dry)	SPECIFIC DIRECTIONS: Apply wher 3 to 5 inches high and before disease Repeat at 7- to 10-day intervals.	plants are s appear.
Beets	Cercospora leaf spot	3 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply wher pears making 3 to 6 sprays at 10- to 7 vals. Apply more frequently under sev pressure.	disease ap- 14-day inter-
Carrots	Early and Late blight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply wher 6 inches high. Make 3 to 5 application 10-day intervals.	n plants are is at 7- to
Celery	Bacterial blight, Early and Late blight	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply as so are established in the field and repeat tervals.	oon as plants t at 7-day in-
Corn (pop, sweet)	Bacterial rot, Bacterial stripe, Bacterial wilt, Leaf blight, Stalk rot	4 tsps.
	SPECIFIC DIRECTIONS: Apply when pears and repeat as necessary.	disease ap-
Crucifers	Black leaf spot, Black rot	2 to 6 tsps.
[Broccoli, Brussels	SPECIFIC DIRECTIONS: Apply when pears and repeat at 7- to 10-day inter	i disease ap- vals.
sprouts, Cabbage,	Downy mildew	1 to 2 tsps.
Cauliflower, Greens (collard, mustard, turnip)]	SPECIFIC DIRECTIONS: Apply when pears and repeat at 7- to 10-day inter	i disease ap- vals.
Cucurbits, (Cantaloupe, Cucumber, Honeydew, Muskmelon,	Alternaria leaf spot, Angular leaf spot, Anthracnose, Downy mildew, Powdery mildew, Gummy stem blight, Watermelon bacterial fruit blotch	3 to 4 tsps.
Pumpkin, Squash, Watermelon)	SPECIFIC DIRECTIONS: Apply when pears and repeat at 5- to 10-day inter	disease ap- vals.
Eggplant	Alternaria blight, Anthracnose, Pho- mopsis	4 tsps.
	SPECIFIC DIRECTIONS: Apply befor appears and repeat at 7- to 10-day int	e disease tervals.
Onions	Downy mildew, Purple blotch	4 tsps.
	SPECIFIC DIRECTIONS: Apply when 4 to 6 inches high and repeat at 7- to vals.	plants are 10-day inter-
Peanuts	Cercospora leaf spot	3 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply on fir ance of disease and repeat at 7- to 14 vals.	st appear- l-day inter-
	Pod rot complex (<i>Pythium myrioty- lum, Rhizoctonia solani</i> and <i>Scle-</i> rotium rolfsii)	3 fl. ozs.
	SPECIFIC DIRECTIONS: Apply at per 12- to 15-inch band over the row.	gging in a
Peppers	Bacterial spot, Cercospora leaf spot	3 to 6 tsps.
	SPECIFIC DIRECTIONS: Make first a upon emergence of seedlings or imme transplanting and repeat at 7- to 10-du When disease is severe, apply at 4- to tervals. Note: Disease control is critic fruiting.	ediately after ay intervals. 5 5-day in-
Potatoes	Early and Late blight SPECIFIC DIRECTIONS: Apply on fin	3 to 6 tsps. st appear-
Spinach	Anthracnose, Cercospora leaf spot,	3 tsps.
	Downy mildew SPECIFIC DIRECTIONS: Apply on fir ance of disease and repeat at 7- to 10	st appear-
	vals.	-day inter-

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Vegetables	Disease Controlled	Rate per Gallon of Water
Tomatoes	Bacterial speck, Bacterial spot, Early and Late blight	3 tsps.
	SPECIFIC DIRECTIONS: Make first a upon emergence of seedlings or imme transplanting and repeat at 3- to 10-d. When disease is severe, apply at 3- to tervals. Complete coverage is essenti ease control. Note: While the labeled particularly effective against Bacterial mix with Maneb or Mancozeb used at rates controls a broad range of disease	ediately after ay intervals. o 5-day in- ial for dis- rate is spot, a tank the labeled

MISCELLANEOUS

Miscellaneous	Disease Controlled	Rate per Gallon of Water
Carambolas	Anthracnose	6 tsps.
	SPECIFIC DIRECTIONS: Make initial applica- tion just before flowering and repeat on a weekly schedule until just before harvest. Apply in sufficient water for thorough coverage.	
Chives	Downy mildew	4 tsps.
	SPECIFIC DIRECTION: Begin appl when plants are first established in Repeat applications every 7 to 10 d tated by disease conditions. If disea is high, use the shorter spray interv	the field. ays as dic- ase pressure
Dill	Phoma leaf spot, Rhizoctonia foliage blight	6 tsps.
	SPECIFIC DIRECTIONS: Begin ap when plants are first established in repeat at 7- to 10-day intervals dep disease severity and environmental If disease pressure is high, use the spray interval.	the field and ending upon conditions.
Douglas fir	Rhabdocline needlecast	4 tsps.
	SPECIFIC DIRECTIONS: Begin applications at bud break and repeat at 1- to 4-week intervals. Apply in a tank mix with another registered pes- ticide if moderate to severe disease pressure is present.	
Guava	Anthracnose, Red algae	6 tsps.
	SPECIFIC DIRECTION: Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Apply in suffi- cient water for thorough coverage.	
Litchi	Anthracnose	6 tsps.
	SPECIFIC DIRECTION: Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Apply in suffi- cient water for thorough coverage.	
Live Oak	Ball moss	2 fl. ozs.
	SPECIFIC DIRECTIONS: Apply in t when Ball moss is actively growing, gallons of spray per foot of tree heig sure to wet Ball moss tufts throrugh application may be required after 12 Note: This product may be injurious mentals grown under Live oaks. Thi may be reactive on metal and masc faces such as galvanized roofing. A with metal surfaces. Do not spray o houses, lawn furniture, etc.	he Spring using 1.5 ght. Make ly. A second 2 months. to orna- is product onry sur- void contact n cars,
Macadamia	Anthracnose	3 tsps.
	SPECIFIC DIRECTIONS: Initiate sp sign of flowering and repeat on a w ule until just before harvest. Apply in water for thorough coverage.	eekly sched-
	Phytopthora blight, Raceme blight	2 to 3 tsps.
	SPECIFIC DIRECTIONS: Apply dur ceme development and bloom perio sufficient water for thorough covera	odš. Apply in
		(Continued)

MISCELLANEOUS

Miscellaneous	Disease Controlled	Rate per Gallon of Water
Papaya	Anthracnose	2 to 5 tsps.
	SPECIFIC DIRECTIONS: Begin applications be- fore disease appears and repeat at 14-day inter- vals. Use higher rates when conditions favor disease.	
Parsley	Bacterial blight	6 tsps.
	SPECIFIC DIRECTIONS: Begin application when plants are first established in the field an repeat at 10 day intervals depending upon dis ease severity and environmental conditions.	
Passion fruit	Anthracnose	3 tsps.
	SPECIFIC DIRECTIONS: Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Apply in suffi cient water for thorough coverage.	
Sugar apples	Anthracnose	4 to 6 tsps.
(Annona)	SPECIFIC DIRECTIONS: Make initial application just before flowering and repeat on a weekly schedule until just before harvest. Apply in suffi- cient water for thorough coverage.	
Sycamore	Anthracnose	4 to 6 tsps.
	SPECIFIC DIRECTIONS: Apply as age spray. Apply in 1 gallon of wate volume for thorough coverage. Mal cation at bud crack and second ap 10 days later at 10% leaf expansion	r or sufficient ke first appli- plication 7 to

TURFGRASS

To control Algae in Ornamental lawns and Turfgrass, apply 0.7 pint of this product per 1,000 square feet in 5 gallons of water. This product may be used alone or in combination with other registered fungicides as a maintenance spray. Observe all precautions and limitations on the label of each product used in tank mixes.

Use Restrictions: Do not apply more than 3 lbs. of copper (30.6 pts. of this product) per acre (0.7 pt. per 1,000 sq. ft.) per application. Do not apply more than 9 lbs. of copper (91.8 pts. of this product) per acre (2.1 pts. per 1,000 sq. ft.) per year. Minimum retreatment interval is 10 days. **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.

ORNAMENTALS

Notice to User: Plant sensitivities to this product have been found to be 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 number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for sensitivity to this product. Neither the Manufacturer nor Seller recommends use upon species not listed on the label, nor has it been determined that this product can be safely used on ornamental or nursery plants not listed on this label. The user should determine if this product can be used safely prior to use.

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

This product may be used alone or in combination with other registered fungicides as a maintenance spray. Observe all precautions and limitations on the label of each product used in tank mixes. **Note:** Do not tank-mix this product with Aliette fungicide unless appropriate precautions have been taken to buffer the spray solution. Severe phytotoxicity may result if adequate precautions are not taken.

Ornamental	Latin name	Disease	
Althaea (Rose of Sharon)	Hibiscus syriacus	Bacterial leaf spot	
Aralia	Dizygotheca elegantissima	Alternaria, Cercospora leaf spot, Xanthomonas leaf spot	
Arborvitae	<i>Thuja</i> spp.	Alternaria twig blight, Cercospora leaf blight	
Azalea ¹	Rhododendron spp.	Botrytis blight, Cercospora leaf spot, Phytophthora dieback, Powdery mildew	
Begonia	Begonia semperflorens	Bacterial leaf spot (<i>Erwina</i> sp., <i>Pseudomonas</i> sp., <i>Xanthomonas</i> spp.,)	
Bougainvillea	Bougainvillea spectabilis	Anthracnose, Bacterial leaf spot	
Bulbs (Tulip, Gladiolus)	—	Anthracnose, Botrytis blight	
Camellia	Camellia japonica, C. sasanqua	Anthracnose, Bacterial leaf spot	
Camphor tree	Cinnamomum camphora	Pseudomonas leaf spot	
Canna	Canna spp.	Pseudomonas leaf spot	
Carnation ¹	<i>Dianthus</i> spp.	Alternaria blight, Botrytis blight, Pseudomonas leaf spot	
Chinese tallow tree	Sapium sebiferum	Bacterial leaf spot (<i>Pseudomonas</i> spp., <i>Xanthomonas</i> spp.)	
Chrysanthemum ¹	Chrysanthemum morifolium	Botrytis blight, Septoria leaf spot	
Cotoneaster	Cotoneaster spp.	Botrytis blight	
Dahlia	Dahlia pinnata	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot	
Date palm	Phoenix canariensis	Pestalotia leaf spot	
Dianthus	Dianthus spp.	Bacterial soft rot, Bacterial spot	
Dogwood	Cornus florida	Anthracnose	
		(Continued)	

Ornamental	Latin name	Disease	
Dusty miller	Senecio cineraria	Bacterial leaf spot (Pseudomonas cichorii)	
Echinacea	Echinacea spp.	Bacterial leaf spot (Pseudomonas cichorii)	
Elm "Drake"	Ulmus parvifolia	Xanthomonas leaf spot	
Euonymus	Euonymus spp.	Anthracnose, Botrytis blight	
European fan palm	Chamaerops humilis	Pestalotia leaf spot	
Gardenia	Gardenia jasminoides	Alternaria leaf spot, Botrytis bud rot, Cercospora leaf spot	
Geranium	Pelargonium spp.	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot	
Gladiolus	<i>Gladiolus</i> spp.	Alternaria leaf spot, Bacterial leaf blight, Botrytis gray mold	
Goldenrain tree	Koelreuteria paniculata	Bacterial leaf spot	
Hibiscus	Hibiscus rosa-sinensis	Bacterial leaf spot	
Holiy fem	Cyrtomium falcatum	Pseudomonas leaf spot	
Impatiens	Impatiens sallerana	Bacterial leaf spot	
India hawthorn ²	Rhaphiolepis indica	Anthracnose, Entomosporium leaf spot	
lvy (English, Algerian) ¹	Hedera helix, H. canariensis	Xanthomonas leaf	
Ixora	Ixora coccinea	Xanthomonas leaf	
Juniper (Eastern red cedar)	Juniperus virginiana	Anthracnose	
Lantana	Lantana camara	Bacterial leaf spot	
Lilac	<i>Syringa</i> spp.	Cercospora leaf spot	
Loblolly bay	Gordonia lasianthus	Anthracnose	
Loquat	Eriobotrya japonica	Colletotrichum spp., Entomosporium maculata	
Magnolia (Saucer)	Magnolia soulangiana	Bacterial leaf spot	
Magnolia (Southern)	Magnolia grandiflora	Algal leaf spot, Anthracnose, Bacterial leaf spot	
Magnolia (Sweet bay)	Magnolia virginiana	Anthracnose	
Mandevillas	Mandevilla spp.	Anthracnose	
Marigold	<i>Tagetes</i> spp.	Alternaria leaf spot, Botrytis leaf and flower rot, Cercospora leaf spot	
Mulberry, weeping	Morus alba	Bacterial leaf spot	
Oak, Laurel	Quercus laurifolia	Algal leaf spot (Cephaleuros virescens)	
Oleander	Nerium oleander	Bacterial leaf spot, Fungal leaf spot	
Pachysandra	Pachysandra procumbens	Volutella leaf blight	
		(Continued)	

Ornamental	Latin name	Disease	
Pansy	Viola spp.	Downy mildew	
Pear (Flowering)	Pyrus calleryana	Fireblight, Leaf spot	
Pentas (Egyptian star)	Pentas spp.	Bacterial leaf spot (Xanthomonas sp.)	
Peony	Paeonia spp.	Botrytis blight	
Periwinkle	Catharanthus roseus, Vinca spp.	Phomopsis stem blight	
Philodendron	Philodendron selloum	Bacterial leaf spot.	
Phlox	Phlox spp.	Alternaria leaf spot	
Photinia	Photinia fraseri, P. glabra	Anthracnose, Entomosporium	
Pistachio	Pistacia chinensis	Anthracnose	
Plantain lily	Hosta spp.	Bacterial leaf spot	
Powder puff plant	Calliandra spp.	Bacterial leaf spot	
Pyracantha	Pyracantha spp.	Fireblight, scab	
Queen palm	Syagrus romanzoffianum,	Exosporium leaf spot, Phytophthora bud rot	
Rhododendron	Rhododendron spp.	Alternaria flower spot	
Rose ¹	Rosa spp.	Powdery mildew, Black spot	
Verbena	<i>Verbena</i> spp.	Xanthomonas leaf spot	
Viburnum	Viburnum odoratissimum, V. suspensum	Anthracnose	
Washingtonia palm	Washingtonia robusta Pestalotia lea		
Weeping willow	Salix babylonica	Anthracnose	
Yucca (Adam's needie)	Yucca spp.	Cercospora leaf spot, Septoria leaf spot	

Note:

¹ Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray just before selling season.

² For India Hawthorn, use 2 to 4 level tablespoons per gallon of water.

FROST INJURY PROTECTION

Bacterial Ice Nucleation Inhibitor - Application of this product made to all crops listed on this label at rates indicated on this label, just prior to anticipated frost conditions, will sustain control of ice nucleating bacteria (*Pseudomonas syringae, Erwina herbicola* and *Pseudomonas fluorescens*) and may therefore provide protection against light frost. Not recommended for those geographic areas where weather conditions favor severe frost.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Store in 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: Call you local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available. If partly filled, call you local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY— CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

Optional Marketing Statements:

- Ready-to-spray bottle
- For Home and Garden Use
- Controls many diseases listed, attacking Citrus, Fruits, Nuts, Vegetables and Ornamentals.
- For Residential Use only.



Drexel KOP-AMComplex Liquid Fungicide Spray

ACTIVE INGREDIENT:

Copper ammonium complex*	31.4%
OTHER INGREDIENTS:	
TOTAL:	100.0%

* CAS No. 16828-95-8; Metallic copper equivalent 8.0%. This product contains 0.784 pound of Copper per gallon. (One quart of this product contains 0.196 pound of copper)

KEEP OUT OF REACH OF CHILDREN CAUTION

See FIRST AID Below SHAKE WELL BEFORE USING

EPA	Reg	. No.	1971	3-509)	
EPA	Est.	No.	1971	3-XX-2	XXX	

Net Content: 1 Quart

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.

FIRST AID

- 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 to 20 minutes.
- 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 or convulsing person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

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 reaction in certain individuals. Avoid contact with the skin, eyes or clothing. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles, face shield or safety glasses), clothing and chemicalresistant 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.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. Do not contaminate water when disposing of equipment washwaters or rinsate.

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 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 over the treated area will help avoid runoff to bodies of water or drainage systems.

DIRECTIONS FOR USE

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

ENTRY RESTRICTION

Do not enter or allow others to enter the treated area until sprays have dried.

USE INFORMATION

The control of diseases with fungicides is based on PREVENTION: plant surfaces must be completely covered with the fungicide to successfully prevent infection. Copper pesticides are considered preventative, not curative. Seek advice on identifying specific disease problems and solutions from your local agricultural extension agent or other knowledgeable persons.



USE INSTRUCTIONS

APPLICATION: Thoroughly spray tree or bush 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 top water flow valve should be in the "OFF" position, and the red product flow valve should be in the up "OFF" position.
- 2. Shake container well and attach it to your garden hose.
- 3. Turn on the water from the faucet.
- 4. To apply, remove side pin (label "PULL OUT") and rotate red product flow valve to "ON"; then, while holding sprayer at waist level and poiting in a direction away from face and body, push blue water flow valve forward to activate water.
- 5. When you are finished spraying, or if you have to stop spraying at any time, press blue water flow valve with thumb to the rear to shut off water and return red valve to the upright "OFF" position and replace side pin.
- 6. Turn off the water at the faucet.
- 7. Remove the container from the garden hose. Then rinse thoroughly and store according to storage instructions.

FRUITS AND NUTS

Fruits and Nuts	Disease Controlled
Almonds	Brown rot
	SPECIFIC DIRECTIONS: Apply at delayed-dor- mant* bud swell stage, just before blossom buds break open.
	Shot hole
	SPECIFIC DIRECTIONS: Apply at leaf fall to pro- tect buds and shoots from infection during rainy periods. Reapply every 3 to 4 weeks up to 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, Blos- som and Shoot blast
	SPECIFIC DIRECTIONS: Apply post-harvest be- fore Fall rains.
Apricots	Brown rot blossom blight
	SPECIFIC DIRECTIONS: Apply when buds show red in color until brown bud jackets have fallen.
	Shot hole
	SPECIFIC DIRECTIONS: 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	Anthracnose
	SPECIFIC DIRECTIONS: Begin application when the flower buds begin to swell and continue at monthly intervals until August.
Blueberries	Bacterial canker
(Not for Use in CA)	SPECIFIC DIRECTIONS: Apply before Fall rains and again 4 weeks later.
	Cane canker
	SPECIFIC DIRECTIONS: Apply before Fall rains and again 4 weeks later. In the Spring during wet weather, apply at 7- to 14-day intervals beginning at leaf emergence.
Caneberries	Anthracnose, Bacterial blight, Leaf and Cane spot, Purple blotch, Yellow rust
	SPECIFIC DIRECTIONS: Apply in the Fall after harvest.
Cherries	Brown rot blossom blight
	SPECIFIC DIRECTIONS: Apply as a full cover spray at popcorn stage and at full bloom.
Citrus	Greasy spot, Melanose, Pink pitting, Scab
	SPECIFIC DIRECTIONS: Apply as pre-bloom and post-bloom sprays.
	(Continued)

Fruits and Nuts	Disease Controlled
Currants,	Anthracnose, Leaf spot (cane blight)
Gooseberries	SPECIFIC DIRECTIONS: Make 3 applications starting after harvest, before bloom and after petal fall.
Limes	Greasy spot
	SPECIFIC DIRECTIONS: Apply in June and con- tinue at monthly intervals through August.
Mangoes	Anthracnose
(Not for use in CA)	SPECIFIC DIRECTIONS: Apply monthly from the time the panicles are 2 inches in length until all fruits are set until August.
Olives	Peacock spot
·	SPECIFIC DIRECTIONS: Make first application be- fore Winter rains fall. A second application should be made in early Spring if disease is severe.
Peaches,	Bacterial spot
Nectarines	SPECIFIC DIRECTIONS: Apply as a dormant spray.
	Blossom brown rot
	SPECIFIC DIRECTIONS: Apply as dormant or delayed-dormant* spray. DO NOT apply at or after full bloom.
	Leaf curl, Shot hole
	SPECIFIC DIRECTIONS: Apply at leaf fall to pro- tect buds and shoots from infection during rainy pe- riods. Reapply up until late bud swell. DO NOT apply after full bloom.
Pears	Blossom blast
	SPECIFIC DIRECTIONS: Apply as a dormant spray. Apply only at bud break to control primary infection.
Pecans	Shuck and Kernel rot, Zonate leaf spot
	SPECIFIC DIRECTIONS: For suppression, apply at 2- to 4-week intervals starting at kernel growth and continuing until shucks open. Use shorter in- terval if frequent rainfall occurs.
Pistachios	Alternaria late blight
	SPECIFIC DIRECTIONS: 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
	SPECIFIC DIRECTIONS: Make initial application at bud swell and repeat on a 14- to 28-day sched- ule as dictated by disease conditions. If disease conditions are severe, use the shorter interval.
Plums,	Coryneum blight (shot hole)
Prunes	SPECIFIC DIRECTIONS: Apply as a dormant spray before heavy rains begin.
	Bacterial blast, Bacterial canker
	SPECIFIC DIRECTIONS: Apply at dormant to early pink stage.
Walnuts	Walnut blight
	SPECIFIC DIRECTIONS: Make first application at early pre-bloom. Make second application at late pre-bloom. Make additional applications if disease conditions persist.

STORAGE AND D. POSAL

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PESTICIDE DISPOSAL: Call you local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available. If partly filled, call you local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY- CO. _ITIONS OF SALE

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To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

Optional Marketing Statements:

- Ready-to-spray bottle
- · Just attach to garden hose and spray
- · For Home and Garden Use
- For Residential Use Only
- Controls many listed diseases attacking Citrus and Fruit and Nut Trees