

46923-9

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

JUN 24 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Joel L. Goldschmidt
Old Bridge Chemicals, Inc.
P.O. Box 194
Old Bridge, New Jersey 08857

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Mr. Goldschmidt:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated April 15, 2010 for:

- EPA Registration 46923-8 Copper Carbonate Technical
- EPA Registration 46923-9 Basic Copper Sulfate

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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Please read instructions on reverse before completing form.

Form Approved, EPA No. 2070-0080

Print Form

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 46932-9 46923-9	2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Basic Copper Sulfate	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Old Bridge Chemicals, Inc P.O. Box 194 Old Bridge, NJ 08857 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUN 24 2010
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of additional statements to "Storage and Disposal" in keeping with PR Notice 2007-4. See Attachment

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 50 lbs.	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Joel L. Goldschmidt	Title Vice President	Telephone No. (Include Area Code) 732-727-2225
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) _____
2. Signature 	3. Title Vice president	
4. Typed Name Joel L. Goldschmidt	5. Date February 24, 2010	



Old Bridge Chemicals, Inc.

February 24, 2010

Mr. Tony Kish, Product Manager Number 22
U. S. Environmental Protection Agency
Registration Division (7505C)
Fungicide Branch
1200 Pennsylvania Avenue
Washington, D.C.20460

Dear Mr. Kish:

Enclosed please find Notifications for the following four EPA Registrations:

- A. Copper Sulfate FINE, EPA Reg. No. 46923-4
- B. Basic Copper Sulfate, EPA Reg. No. 46923-9
- C. Copper Carbonate Technical, EPA Reg. No. 46923-8
- D. OBC Copper Complex NH3, EPA Reg. No. 46923-10

Should you require anything further I can be reached at (732) 727-2225, extension 314.

Yours truly,

Joel L. Goldschmidt
 Joel L. Goldschmidt
 Vice President

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U. S. ENVIRONMENTAL PROTECTION AGENCY
February 24, 2010

SECTION II – NOTIFICATION: Basic Copper Sulfate, EPA Reg. No. 46923-9

Explanation:

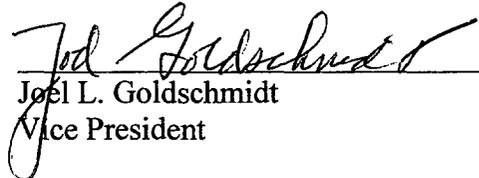
Notification of the following additions to the label as per Notification 2007-4:

In the section "STORAGE AND DISPOSAL"

- A. Under "Storage": Add the following sentence:
"Non-refillable container. Do not reuse or refill this container".
- B. Under "Container Disposal": Add the following sentence"
"Offer for recycling if available".

This Notification is consistent with the provisions of PR Notice 90-10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec.1001 to willfully make any false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

OLD BRIDGE CHEMICALS, INC.



 Joel L. Goldschmidt
 Vice President

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NOTIFICATION

JUN 24 2010

MICRONIZED BASIC COPPER SULFATE

FUNGICIDE

ACTIVE INGREDIENT: CAS # 1344-73-6
 Basic Copper Sulfate 99%
 (Copper expressed as metallic ... 53%)
INERT INGREDIENTS: 1%
 Total 100%

CAS # 1344-73-6
 EPA REG. NUMBER 46923-9
 EPA EST. NUMBER 46923-NJ-01

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

Si usted no estende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS
 Warning: Causes substantial, but temporary eye injury. Harmful if absorbed through the skin or inhaled. May cause skin sensitization or reactions in certain individuals. Avoid contact with the skin, eyes or clothing. Avoid breathing dust.

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PERSONAL PROTECT EQUIPMENT

Mixers, Loaders, applicators and other handlers must wear the following:

- Long sleeve shirt
- Long pants
- Shoes plus socks
- Chemicals resistant gloves made of any waterproof material

Some materials that are chemical resistant to this product are rubber and latex. If you want more options, follow the instructions for category A on an EPA chemical resistant category selection chart. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. 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 pesticides, 40 CFR 170.240 (d) (46), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

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

FIRST AID

If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If inhaled	Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call poison control center or doctor for further treatment advice.
If on skin or on clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
If swallowed	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

HOT LINE SERVICE

Have the product container or label with you when calling a poison control center or doctor, or for going for treatment. You may contact 800-275-3924 for emergency medical information.

DIRECTIONS FOR USE

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in adjacent to treated areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewer treatment plant authority. For guidance contact your local Water board or Regional Office of the EPA.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with the 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 and 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 reentry interval. The requirements of this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (RE) of 48 hours.

PPE requirements for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated. Such as plants, soil or water are:

- Coveralls over long sleeve shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Chemical resistant footwear plus socks
- Chemical resistant headgear if overhead exposure
- Protective eyewear, and
- Chemical resistant apron when mixing, loading, cleaning equipment or spills, or otherwise exposed to concentrate.

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

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

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage or disposal.

Pesticide Storage: Store in a cool and dry place. Open dumping is prohibited. Non-refillable container. Do not reuse or refill this container. If container is damaged, place container in a plastic bag. Shovel any spills in plastic bag and seal with tape.

Container Disposal: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Offer for recycling, if available. Otherwise dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If burning, stay out of the smoke.

Pesticide Disposal: Waste resulting from the use of this product maybe disposed of on site or in an approved waste disposal facility.

CHEMIGATION

Refer to supplementary label for Use Directions for Chemigation. Do not apply this product through any irrigation systems unless supplemental labeling on chemigation is followed. Supplemental labeling entitled:

SUPPLEMENTAL LABELING
BASIC COPPER SULFATE
EPA Reg. No. 48223-4
EPA Est. No. 48223-11-01
CHEMIGATION

NOTE: Copper-based products may be corrosive to aluminum equipment. Follow supplemental label information.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions, (e.g. wind direction, wind speed, temperature, relative humidity) and method of application (e.g. ground application, aerial, airblast, chemigation) can influence spray drift. The applicator must evaluate 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 inversions exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions at 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.

Aerial Application: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release crystals at the lowest height consistent with efficacy and flight safety. Do not release at a height greater than 10 feet above the crop canopy unless a great height is required for 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.

Ground Application: For ground boom application do not apply with a nozzle height greater than four feet above the crop canopy.

DOT: NON-REGULATED

NET WT. 50 LBS.

(22.7 Kilos)

GENERAL INSTRUCTIONS

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Notice: Follow all directions carefully. Timing and methods of applications, weather, 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. Buyer assumes all risks of the use, storage or handling of this material when not in strict accordance with the directions given on this label.

Recommended Mixing Directions: Fill the spray tank about half full of water and with the agitator motor running add the required amount of Basic Copper Sulfate. Add water to fill the tank to $\frac{3}{4}$ full and when a spreader sticker is recommended add the proper amount according to the manufacturer's recommendation. Fill the spray tank and keep the agitator running until the spraying is completed.

NOTE TO USER: In some cases it may be desirable to omit oil from the spray mixture or use an alternative product other than dormant flowable oil. Consult the recommendation of the manufacturer of the oil or other product for proper rate and timing.

Minimum recommended spray volume (Gallons) per acre when applying BASIC COPPER SULFATE:

	AERIAL	GROUND	
		Dilute	Concentrate
Row Crops	5	20	-
Vines	5	100	50
Tree Crops	10	400	50
Citrus	10	400	100

Complete spray coverage is essential to assure full performance from Basic Copper Sulfate. When treating with a concentrate or aerial application, unless you have had specific previous experience, it is advisable to test for compatibility and crop tolerance prior to full-scale commercial utilization.

When selecting a use rate for BASIC COPPER SULFATE, never apply less per acre than the recommended amount per 100 gallons unless specifically instructed by this label.

While volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and sprayer calibration have a greater impact. Always be sure sprayers are calibrated to manufacturer's specifications and environmental conditions are within those recommended by state and local regulatory authorities. Spreader/stickers may be used as dictated by local practices and conditions.

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SPECIFIC INSTRUCTIONS

CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes: Rate per 100 gallons of water
FRUITS & NUTS				
Pom Fruit Apple, Pear Quince	Fall, late dormant 8.0	16.0	Only 1 application per season permitted	<p>Quince use not permitted in California</p> <p><u>Antracnose</u>: 3-4 lbs; for red varieties foliage before or after harvest. For yellow varieties apply to foliage after harvest once every 2 to 3 years as necessary.</p> <p><u>Brook Spot</u>: 1 lb; Plus 2 lbs hydrated lime per 100 gal. Apply in late cover spray.</p> <p><u>Bitter Rot, Black Rot, Blotch Powdery Mildew</u>: ½ - 1½ lbs; Plus 3-5 lbs hydrate lime/100 gals. Begin at petal fall and repeat through fourth cover spray.</p> <p><u>Bulls-eye Rot</u>: 4 lbs. Plus suitable oil/100 gals water. Apply after harvest.</p> <p><u>Fire Blight</u>: 1/3 to ½ lb. Begin at 10% bloom. Repeat at 5 day intervals until late bloom is over.</p> <p><u>Scab</u>: 1-1¼ lbs. Plus 2-2½ lbs hydrated lime per 100 gals. Apply at late dormant stage.</p> <p><u>Sooty Blotch</u>: 1-1¼ lbs plus 2-2½ lbs hydrated/100 gals. Apply in late4 cover sprays. Where copper injury may occur add additional lime.</p> <p><u>Pears: Fire Blight</u>: ½ lb. Use at least 400 gals spray per acre. Apply at 10% bloom and repeat at 5-7 day intervals during bloom. Do not use on D'Anjou, Comise or Seckel varieties.</p>
	Between silver-tip And green tip 6.0		Only 1 application per season permitted	
	Bloom, growing season 1.5		5 days	
vocados	3.15	18.9	14 days	<p><u>Anthrax Blotch (Carcospora)</u>, <u>Scab</u>: 3 lbs; Spray first when blossom buds open. Make 5 applications at 4 week intervals. Lime- 30 to 40 lbs/acre. Do not apply more than 140 days after bloom.</p>
trus*	3.15	12.6	7 days	<p><u>Brown Rot</u>: 1 lb. Florida only, 2 lbs; Apply at first indication of rain or appearance of disease. Repeat as needed to protect during wet weather only. Use 2 lbs.</p> <p><u>Melanose, Scab, Greasy Spot, Pink Pitting</u>: 1½ - 3 lbs; NOTE: For aerial or concentrate sprays apply 10 to 25 lbs/acre diluted to proper concentration with water as recommended for the specific sprayer used. Do not use less than gallons of spray per acre. For melanose apply 1 - 3 weeks after petal fall. Repeat 4 weeks later if necessary. Wettable Sulfur may be included in the spray. For Scab, make 2 applications, one just before trees begin to</p>

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flush and repeat at 2/3 petal fall. Wettable Sulfur may be included in the spray. For Greasy Spot and Pink Pitting, make summer spray.

* Do not use in areas where copper injury is known to occur

CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes Rate per 100 gallons of water
Stone Fruit (apricot, cherry, nectarine, peach, plum, prune)	Dormant, Late Dormant 8.0	18.0	7 days	<p><u>Apricots: Brown Rot, Blossum Blight, Shot Hole</u>; 4 – 5 lbs.; Apply as a dormant bud spray. Bud sprays should be applied from bud swell to popcorn stage. Do not spray when trees are in leaf. When bud blight is a problem apply the maximum rate after most leaves have fallen in the fall, mainly in November and December, but prior to fall rains.</p> <p><u>Almond: Brown Rot, Blossum Blight, Shot Hole</u>; 4 – 5 lbs; May be applied as dormant or bud spray. Bud sprays should be applied at pink bud through popcorn stage. Do not apply after 50% bloom or when trees are in leaf. Use high rate when disease pressure is heavy or expected.</p> <p><u>Peach: Brown Rot</u>; 4 – 5 lbs; Apply before bud swell and in full pink bud stages. Do not apply after pink bud stages or after trees are in leaf as injury may occur.</p> <p><u>Plum, Prunes: Shot Hole</u>; 4 - 5 lbs; Apply as a dormant spray before advent of heavy rains. <u>Brown Rot, Blossum Blight</u>; 4 – 5 lbs; Apply at early green bud and full popcorn stage. Do not spray after trees are in leaf as injury may occur. California only: for aircraft sprays to control disease apply 16 to 20 lbs. In 20 gallons of water during dormant season.</p> <p><u>Nectarines: Leaf Curl, Peach Blight (Shot Hole)</u>; 4 – 5 lbs; As a dormant spray apply before rains. Bud sprays should be applied before bud swell and in full pink bud stages, Do not apply after pink bud stage, after foliage buds swell or after trees are in leaf as injury may occur. Consult your State Agricultural Experiment Station. California only; Apply 16 to 20 gallons of water/acre by aircraft during dormant season.</p> <p><u>Cherry: Brown Rot, Blossum Blight</u>; 4 – 5 lbs; Apply as popcorn and late bloom stages. In late bloom spray, add 5 lbs. Hydrated lime/100 gallons of water.</p> <p><u>Leaf Spot</u>: 4-5 lbs plus 4-5 lbs hydrate lime/100 gals. Apply at petal fall. <u>Shot Hole</u>: Apply as a dormant spray.</p>
	Bloom, Growing Season 1.5		5 days	
ngo	3.2	48.0	7 days	<p><u>Anthracnose</u>: 3 lbs; Begin sprays when panicles are about 2 inches long. Spray weekly until fruit sets, then spray monthly for a total of 12 applications. One gallon of spreader per 100 gallons of spray may increase efficiency.</p>

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CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes Rate per 100 gallons of water
Olives	6.0	18.0	30 days	Leaf Spot: 4 lbs; Apply in later October. In areas with 10 inches or less rainfall per Year, use only 2 lbs per 100 gals of water.
Cranberries	2.1	8.4	7 days	Begin when leaf buds begin to open. Repeat when flower buds show white. Continue at 10 to 14 day intervals.
Brambles: Blackberries Boysonberries Dewberries Loganberries Rasberries, etc.	2.0	10.0	7 days	In spring, begin when leaf buds begin to open. Repeat when flower buds show white. Also post harvest spray after pruning but before fall rains using 6 lbs per 100 gallons water.
Currents	4.0	16.0	10 days	Anthracoese: 1 1/4 lbs; Spray at leaf opening and repeat at 10 day or 14 days intervals.
Gooseberries	4.0	16.0	10 days	Leaf Spot: 6 lbs; Apply at full bloom, two weeks later and after harvest.
Strawberries	1.5 (severe disease) 1.0	8.19	7 days	Leaf Spot: 2 to 3 lbs; Apply at pre-bloom and post bloom.
Filberts	6.0	24	14 days	Bacterial Blight and Eastern Filbert Blight: 6 lbs; Apply in late summer prior to heavy rains. If heavy fall rains occur repeat spray after 1/4 of the leaves have dropped. NOTE: Not for use in California.
Walnuts	4.0	32.0	7 days	Blight: 4-5 lbs; Treat twice, once in early pre-bloom and again when 10% to 20% pistillate blooms are showing. Repeat 3 or 4 times during growing season if necessary.
Almonds	Dormant, Late Dormant 8.0 Bloom/growing season 1.5	18.0	7 days 5 days	May be applied as a dormant or bud spray. Bud sprays should be applied at pink bud through popcorn stage. Do not apply after 50% bloom or when trees are in leaf.
VEGETABLES				
Beans	0.79	4.74	7 days	Angular Leaf Spot, Anthracnose, Bacterial Blight, Downy Mildew: 2-4 lbs; Begin treatment when plants are about 5 inches tall and repeat at 7 day intervals.
Peas	1.31	7.86	10 days	Downey Mildew, Leaf Blight, Leaf Spot; Begin when disease first appears and repeat every 10 days.
Broccoli Cauliflowers Sprouts Cabbage Flower	0.53	2.65	7 days	Downey Mildew, Leaf Spots: 2 - 3 lbs; For plant bed spray, apply after plants have emerged but before disease appears. Repeat in 7 to 10 days as needed.

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CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes Rate per 100 gallons of water
Carrots	1.0	5.0	7 days	Alternaria, Cercospora, Leaf Blight and Downy Mildew: 3 - 4 lbs; Begin treatment when disease first appears and repeat at 7 day intervals.
Celery	1.0	5.3	7 days	Early, Late & Bacterial Blight: 3 to 4 lbs; Treat every 7 days after emergence.
Cururbits (Cantaloupe, Cucumbers, Melons, Pumpkins, Squash)	1.05	5.25	5 days	Angular Leaf Spot, Anthracnose, Leaf Spot, Alternaria, Bacterial Wilt, Downey Mildew, Powdery Mildew, Gummy Stem Blight, Leaf Spot and Scab: 2.0 lbs; Begin treatment when plants begin to vine and repeat every 7 to 10 days. A ground application before emergence may help decrease Angular Leaf Spot, Alternaria Leaf Spot and Anthracnose. Then follow above schedule after emergence. Consult Local Exeriment Station regarding use of Hydrated Lime.
Eggplant	0.79	7.9	7 days	Anthracnose, Downy Mildew, Leaf Spot, Phomopsis Blight, Early Blight, Alternaria: 1¼ to 3 lbs; Apply to plant beds or fields before disease appears. Repeat at 7 days intervals.
Lettuce	1.0	8.0	5 days	Anthracnose, Downey Mildew, Leaf Spot; 1¼ to 3 lbs; Spray before disease appears. Repeat at 7 to 10 days intervals.
Onions	1.0	6.0	7 days	Downey Mildew, Purple Blotch: 3-4 lbs; Begin when plants are 5 to 6 inches at 7 To 10 days intervals.
Peas	0.79	3.95	7 days	Downey Mildew, Leaf Spot: 1¼ to 3 lbs; Begin spraying before disease appears and repeat at 7 to 10 day intervals.
Pepper	0.70	11.85	3 days	Anthracnose, bacterial Spot, Early Blight, Downey Mildew, Cercospora, Leaf Spot: 2 - 3 lbs; Start sprays in seedbed and continue in field at 7 day intervals. Disease control is critical during fruiting.
Potato	2.5	25.0	5 days	Early and Late Blight: 3 - 6 lbs; Begin when plants emerge and repeat at 7 to 10 day intervals.
Peanuts	0.79	4.74	7 days	Cercospora, Leaf Spot: 2 - 3 lbs; Repeat at 7 to 14 day intervals. Addition of 2 lbs wettable or flowable sulfur in tank mix will enhance Leaf Spot control.
Pumpkin	0.79	3.95	7 days	Anthracnose, Downey Mildew, White Rust, Cercospora, Leaf Spot: 2 - 4 lbs; Begin when disease first appears and repeat at 7 to 10 days intervals.

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CROP	Maximum per Application Rate (lbs/Cu/A)	Maximum Annual Rate (lbs/Cu/A)	Minimum Retreatment Interval	Notes Rate per 100 gallons of water
Sugar Beets	1.31	7.86	10 days	Cercospora and Leaf Spot: 4 lbs; Begin when disease first appears. Repeat every 10 days.
Tomato	0.53	17.4	3 days	Anthracnose, Bacterial Spot, Bacterial Canker, Early & late Blight, Leaf Mold, Nailhead Rust, Septoria Leaf Spot, Stamphylium, Leaf Spot: 2 - 4 lbs; Begin in seed bed or field before disease appears and repeat at 7 - 10 days intervals.