

34704-326

2/2/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number:

34704-326

Date of Issuance:

FEB 0 2 2012

Term of Issuance:
Unconditional

Name of Pesticide Product:

C-O-C-S WDG

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Loveland Products Inc.
3005 Rocky Mountain Ave
Loveland, CO 80538

Mailed to:

Dr. Chris Mason
Manager Registrations

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

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

EPA received a label amendment request submitted by email on January 31, 2012. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for coppers have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Tony Kish, Product Manager (22)
Fungicide Branch/Registration Division/OPP/OCSP (7504P)

Date:

FEB 0 2 2012

Notice of Pesticide Reregistration
C-O-C-S WDG
EPA Reg. No. 34074-362
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Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Dominic Schuler at (703) 347-0260 or via e-mail at schuler.dominic@epa.gov.

Enclosure:

Label stamped "Accepted"

PRB Label Review dated 04/03/2009

Acute Toxicity Review DP359067 dated 12/17/2008

Product Chemistry Review DP362591 dated 03/10/2009

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C-O-C-S® WDG

FUNGICIDE

ACTIVE INGREDIENTS:

Copper Oxychloride (CAS # 1332-65-6) 73.49%
 Basic Copper Sulfate (CAS # 1344-73-6) 13.39%

OTHER INGREDIENTS: 13.12%
TOTAL **100.0%**

*Metallic copper equivalent . . . 51.25%

KEEP OUT OF REACH OF CHILDREN WARNING—AVISO

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

See Below For Additional Precautionary Statements And Directions For Use.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> • 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 Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EPA REG. NO. 34704-326

EPA EST. NO. 45002-MX-2

NET WEIGHT 20 LBS. (9.07 KG)

ACCEPTED
 FEB 02 2012
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 34704-326

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**C-O-C-S® WDG
EPA REG. NO. 34704-326**

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

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust (vapor or spray mist). Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE):

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

- Long-sleeve shirt,
- Long pants,
- Chemical-resistant gloves made of any waterproof material,
- Shoes plus socks, and
- Goggles or faceshield.

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for Category A on the EPA chemical resistance category selection chart.

USER SAFETY REQUIREMENTS:

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 statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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.

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 to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.

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, aerial, airblast, chemigation) can influence pesticide 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 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.

Additional requirements for aerial applications:

- 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 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.

Additional requirements for ground boom application:

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

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, 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-entry interval. The requirements in 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 (REI) of 48 hours.

PPE required 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, is:

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

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

For greenhouse use the restricted entry interval (REI) is 24 hours.

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,
 - 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 for eye flush station that is located with the decontamination supplies, and
 - how to operate the eye flush container or eye flush station.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this 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, forests, nurseries and greenhouses.

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

C-O-C-S® WDG
EPA REG. NO. 34704-326

PRODUCT INFORMATION

C-O-C-S WDG is a dry Copper material designed to be used as a spray either alone or in combination with a spreader or sticker. Do not use in undiluted form. Each pound of product contains .51 lbs metallic copper.

Do not apply this product through any type of irrigation system.

C-O-C-S WDG should not be applied in a spray solution having a pH less than 6.5 or greater than 9.0 as phytotoxicity or loss of effectiveness may occur. Environmental conditions such as extended period of wet weather, acid rain, etc., which alter the pH of the leaf surface may also affect the performance of this product resulting in possible phytotoxicity or loss of effectiveness.

Mixing Instructions: Fill the spray tank one-fourth to one-third full with clean water. Start agitation (proper agitation creates a rippling or rolling action on the liquid surface). Add C-O-C-S WDG at the specified rate. Mix thoroughly. Add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture. Thorough coverage is required. Apply when the disease is reported in the area. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

The following instructions are based on general applications. Except as specified begin applications before or at first sign of disease. When a rate range is given, apply higher doses when climatic conditions most favor disease(s).

Precautions and Restrictions: Do not allow adults, children, or pets to enter the treated area until sprays have dried.

ORNAMENTALS

Amounts listed are rates per 100 gallons of water. Application to blooming plants may cause browning of petals. C-O-C-S WDG has demonstrated excellent plant safety; however, not all cultivars have been tested. **Before treating a large number of plants of a particular cultivar, treat a few plants and observe prior to full scale applications.**

Cultivar	Disease	Rate Per 100 Gals	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product/A) ²	Minimum Retreatment Interval ³	Remarks
Azalea	Bud blight, Twig blight	3.9 lbs	3.9	39.0	7 days	Begin application when disease is reported in area.
Maple	Tar leaf spot	3.9 lbs	3.9	39.0	7 days	To reduce copper foliage injury add 2.0 lbs hydrated lime/100 gals of water.
Oak (White)*	Anthracnose	3.9 lbs	3.9	39.0	7 days	To reduce copper foliage injury add 2.0 lbs hydrated lime/100 gals of water.
Pachysandra*	Canker, Leaf spot, Twig blight	3.0 lbs	3.9	39.0	7 days	To reduce copper foliage injury add 3.0 lbs hydrated lime/100 gals of water.
Vinca*	Canker, Dieback	3.9 lbs	3.9	39.0	7 days	Begin applications when disease is first reported in area.
Sycamore	Sycamore Anthracnose (Sycamore blight)	3.0 lbs	3.9	39.0	7 days	Begin applications when buds begin to swell. Repeat about 7 to 14 days later at early leaf stage.
Flowering Plants* Such as: (Dahlias Nasturtiums Peonies Roses)	Anthracnose, Black spot, Botrytis blight, Leaf spots, Rust	2.0 to 3.9 lbs	3.9	39.0	7 days	Begin applications before diseases appear. For Black spot on roses, begin when leaf buds swell in early spring. Repeat at 7 to 10 day intervals and after rains.
Flowering Plants* (Lilies, Easter)	Anthracnose, Black spot, Botrytis blight, Leaf spots, Rust	2.0 to 4.9 lbs	4.9	75.0	7 days	Do not apply any additional copper pesticide to this land for 36 months.

*Not for use in California

¹ Maximum pounds of this product which may be applied to an acre for each application.

² Maximum amount of this product which may be applied to an acre each growing season. Lower single application rates at higher application frequencies may be used.

³ Minimum number of days between each application.

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VEGETABLES & FIELD CROPS

C-O-C-S WDG is adapted to most types of spray equipment. Unless otherwise stated, apply the following rates of C-O-C-S WDG: For dilute high volume spray, use a minimum of 25 gallons of water per acre; for concentrate ground sprays apply a minimum of 5 gallons per acre; and for aerial spraying, a minimum of 3 gallons per acre should be applied.

Crop	Disease	Rate Per Acre	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product /A) ²	Minimum Retreatment Interval ³	Remarks
Beans (dry and succulent)	Anthracnose, Bacterial blight, Cercospora leaf spot, Downy mildew	1.0 to 1.5 lbs	1.5	9.2	7 days	Begin application when plants are 5 to 6 inches high and repeat as needed.
Beets (table)	Downy mildew, Leaf spot	2.0 to 2.5 lbs	2.5	15.2	10 days	Begin applications prior to onset of disease.
Brassica (Cole) Leafy Vegetables such as: (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collard, Mustard and Turnip greens)	Black rot, Downy mildew	0.5 to 1.0 lbs	1.0	5.1	7 days	Begin applications after transplants are set in field or after emergence of seedlings. Caution: Reddening of older leaves may occur on Broccoli and flecking may occur on wrapper leaves of Cabbage.
Carrots	Leaf blight, Leaf spot	1.0 to 1.9 lbs	1.9	9.7	7 days	Repeat applications are necessary to protect new growth.
Celery	Blights, Downy mildew	1.0 to 1.9 lbs	1.9	10.3	7 days	
Cucurbits such as: (Cucumbers, Melons, Squash [Summer & Winter], Pumpkins, Watermelon)	Anthracnose	1.0 to 2.0 lbs	2.0	10.2	5 days	Also aids in the control of Bacterial wilt.
Eggplant	Alternaria, Anthracnose, Downy mildew, Phytophthora blight	1.0 to 1.5 lbs	1.5	15.3	7 days	
Lettuce such as: (Head and Leaf, Endive Escarole)	Downy mildew	1.0 to 1.9 lbs	1.9	15.5	5 days	Under adverse weather conditions flecking of wrapper leaves may occur.
Onions, Garlic	Downy mildew, Purple blotch	1.0 to 1.9 lbs	1.9	11.6	7 days	Apply when plants are 4 to 8 inches high.
Peppers	Alternaria, Anthracnose, Downy mildew, Phytophthora blight	0.8 to 1.5 lbs	1.5	23.0	3 days	
Potatoes	Early blight, Late blight	1.5 to 4.9 lbs	4.9	48.8	5 days	
Spinach	Downy mildew, Leaf spot	1.0 to 1.5 lbs	1.5	7.7	7 days	Caution: Leaf flecking may occur under adverse weather condition.
Strawberries	Bacterial blight, Leaf spot	2.0 to 2.9 lbs	2.9 (severe disease) 2.0	15.9	7 days	Begin applications when plants are established and continue as needed. Apply in a minimum of 100 gals/A. Stop applications if any signs of phytotoxicity begin to appear.
Sugarbeet	Cercospora leaf spot	2.0 to 2.5 lbs	2.5	15.2	10 days	May be tank mixed with sulfur to enhance control.

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Crop	Disease	Rate Per Acre	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product/A) ²	Minimum Retreatment Interval ³	Remarks
Tomatoes (processing)	Early blight, Late blight, Septoria	1.0 lb	1.0	34	3 days	
	Bacteria Spot	1.0 lb	1.0	34	3 days	Apply every 5 to 7 days after true leaves appear.
Tomatoes (fresh market)	Early blight, Late blight, Septoria	1.0 lb	3.1	15.6	3 days	
	Bacteria Spot	1.0 lb	3.1	15.6	3 days	Apply every 5 to 7 days after true leaves appear.
Vegetable Seedlings	Damping off	4.0 lbs/100 gals or 2.0 ozs/3.0 gals	7.75	N/A	3 days	For damping off in cold frames, greenhouses, etc., begin treatment when seedlings emerge. Spray plants and surrounding soil lightly but thoroughly. Do not use on cabbage or related seedlings.
Barley, Oats, Wheat	Helminthosporium spot blotch, Septoria leaf blotch	0.7 to 1.0 lb	1.0	2.0	10 days	Make first application at early heading and follow with second spray 10 days later.

*Not for use in California

¹ Maximum pounds of this product which may be applied to an acre for each application.

² Maximum amount of this product which may be applied to an acre each growing season. Lower single application rates at higher application frequencies may be used.

³ Minimum number of days between each application.

TREE FRUIT & VINE CROPS

Unless otherwise noted, C-O-C-S WDG may be applied by air or concentrate applications. For concentrate ground spray, use equivalent rates of C-O-C-S WDG in a minimum of 25 gallons of water per acre. For air application, use equivalent ground rates in a minimum of 10 gallons of water per acre. When used in combination with oil, observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. Spray for thorough coverage at indicated times.

Crop	Disease	Rate Per Acre (Product)	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product/A) ²	Minimum Retreatment Interval ³	Remarks
Almonds	Coryneum blight	12.0 to 15.5 lbs	15.5 (dormant)	35.0	7 days	Apply as a dormant/delayed dormant spray up to bud swell. May be combined with 2.0 gals dormant oil/100 gals of water.
	Brown rot, Coryneum blight	1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	Apply pre-bloom and petal fall.
Apples	Fireblight fall, Late dormant	8.0 to 15.5 lbs	15.5	31.0	N/A (only 1 application per season permitted)	Make one dormant application per season.
	Fireblight fall Between silver tip to green tip.	8.0 to 11.7 lbs	11.7	31.0	N/A (only 1 application per season permitted)	Make one application per season between silver tip to green tip. (Discontinue at this rate when green tip exceeds 1/2 inch as phytotoxicity may occur.)
	Fireblight Bloom growing season.	0.5 to 1.0 lb	2.9	31.0	5 days	Bloom spray: Use 1/4 lb when 20% of blossoms are open and repeat when 75% are open.
	European canker	8.0 to 15.5 lbs	15.5 (dormant)	31.0	N/A (only 1 application per season permitted)	Apply post harvest in fall of year. Apply as dilute spray. Combine with dormant oil at 1/2 to 1.0 gal/100 gals of water.
		1.0 lb	1.0 (bloom)	31.0	5 days	

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Crop	Disease	Rate Per Acre (Product)	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product/A) ²	Minimum Retreatment Interval ³	Remarks
Apricots	Brown rot, Coryneum blight	5.0 to 15.5 lbs	15.5 (dormant)	35.0	7 days	For shothole, apply as a dormant spray up to red bud. May be combined with dormant oil at 2.0 gals/100 gals water or at 3.0 to 6.0 gals dormant oil/A concentrate or by air. For Brown rot, apply in pre-blossom, blossom and petal fall periods.
		1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	
Caneberries (Boysenberries, Blackberries, Youngberries, Loganberries, Red and Black Raspberries, Dewberries)	Leaf and Cane spot, Yellow rust	3.0 to 3.9 lbs	3.9	19.0	7 days	For Leaf and Cane spot: Apply when new laterals are leafing out and repeat when flowers begin to open. A post-harvest spray after pruning is also beneficial. Apply in a maximum of 150 gals/A.
Cherries*	Brown rot, Dead bud, Leaf spot	8.0 to 15.5 lbs	15.5 (dormant)	35.0	7 days	Dead bud: Apply in fall before heavy rains and again in spring before bud swell. May be combined with 1.0 pt/100 gals water dormant spray oil. Brown rot and Leaf spot: Apply in popcorn, bloom and in petal fall periods.
		1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	
Cherries (Tart)*	Cherry leaf spot	8.0 to 15.5 lbs	15.5 (dormant)	35.0	7 days	Apply as a dilute spray. Combine with 3.0 lbs hydrated lime/100 gals of water to reduce copper injury.
		1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	
Cherries (California)	Brown rot, Leaf spot	7.5 to 15.5 lbs	15.5 (dormant)	35.0	7 days	Apply in popcorn, bloom and petal fall periods.
		1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	
Citrus Fruits Such as: (Citrus Citron, Grapefruit, Kumquat, Lemons, Limes, Oranges, Pummelo, Tangelos, Tangerines)	Greasy spot* Melanose*, Scab*	4.0 to 6.1 lbs	6.1	24.4	7 days	Apply as pre-bloom and post-bloom sprays. For Melanose and Scab, repeat 4 weeks later. Do not apply after fruit is 3/4 inch in diameter. Do not apply in areas where copper injury is known to occur.
	Brown rot (California and Arizona Only)	4.0 to 6.1 lbs	6.1	24.4	7 days	Begin applications in fall before or just after first rains. In severe Brown rot season a second application may be necessary. Spray as overall or skirt spray insuring that ground around tree receives spray coverage. Give particular attention to covering fruit. Treat inside as well as outside, spraying trunks and skirts thoroughly. Do not disturb soil after treatment. Apply a minimum of 100 gals/A ground concentrate and 20.0 gals of water/A by air. When danger of copper injury is severe, add 1/3 to 1.0 lb hydrated lime/1.0 lb fungicide to spray mixture.
Filberts (WA and OR only)	Bacterial blight	11.6 lbs.	11.6	46.6	14 days	Apply as a post-harvest spray. In seasons of heavy rainfall apply a second spray when 75% of the leaves have dropped. One (1.0) pt superior type oil/100 gals of water may be added. Permitted only in Washington State and Oregon.

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Crop	Disease	Rate Per Acre (Product)	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product /A) ²	Minimum Retreatment Interval ³	Remarks
Grapes	Black rot, Downy mildew, Powdery mildew	2.0 to 5.8 lbs	5.8	38.8	3 days	Mildews: Begin applications at or near bud break. Thoroughly spray both upper and lower leaf surfaces. Repeat as needed. Black rot: Apply when buds break and repeat when shoots are 10 inches long, when blossoms fall and berries reach the size of a BB shot. Foliage injury may occur on copper sensitive varieties. Where danger of copper injury is severe, add 4.0 lbs of hydrated lime in a minimum of 125 gals of water/A to spray mixture.
Hops*	Downy mildew	1.0 lbs.	1.0	5.1	10 days	Apply soon after training vines (when growth is approximately 18 inches long) in 100 gals of water/A. Apply as a directed spray using adequate spray volume for good coverage.
Olives	Olive leaf spot	11.6 lbs.	11.6	35.0	30 days	Apply as a full coverage spray after harvest and prior to rainy season. Under heavy disease pressure, a second application may be necessary.
Peaches and Nectarines	Bacterial spot, Brown rot, Peach blight, Peach leaf curl	12.0 to 15.6 lbs	15.6 (dormant)	35.0	7 days	For Leaf curl, Peach blight and Bacterial spot: Apply as a dormant spray up to bud swell. May be combined with dormant oil at 2.0 gals/100 gals of water or at 3.0 to 6.0 gals dormant oil/A concentrate or by air. For Brown rot: Apply in pre-blossom, blossom and petal fall periods.
		1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	
Pears* and Quince* (Except CA)	Fireblight	12.0 to 15.6 lbs	15.6 (dormant)	31.0	N/A (only 1 application per season permitted)	For dormant to bud swell, apply as a full cover spray.
		0.5 to 1.0 lb	2.9 (bloom)	31.0	5 days	Apply at bloom and repeat at 5 day intervals until all late bloom is over.
	Anthracnose, Pseudomonas	12.0 to 15.6 lbs	15.6 (dormant)	31.0	N/A (only 1 application per season permitted)	Apply after harvest and before rains fall and again in the dormant to delayed dormant period. Apply in a minimum of 100 gals/A by ground and 20.0 gals/A by air.
		0.5 to 1.0 lb	2.9 (bloom)	31.0	5 days	
Pears and Quince (In California)	Fireblight	12.0 to 15.6 lbs	15.6 (dormant)	31.0	N/A (only 1 application per season permitted)	For dormant to bud swell, apply as a full cover spray.
		0.5 to 1.0 lb	2.9 (bloom)	31.0	5 days	Apply at bloom and repeat at 5 day intervals until all late bloom is over.
	Pear blight	12.0 to 15.6 lbs	15.6 (dormant)	31.0	N/A (only 1 application per season permitted)	For Pear blight: Apply during bloom and other periods favorable to blight infections.
		0.5 to 1.0 lb	2.9 (bloom)	31.0	5 days	
	Anthracnose, Pseudomonas	12.0 to 15.6 lbs	15.6 (dormant)	31.0	N/A (only 1 application per season permitted)	Apply after harvest and before rains fall and again in the dormant to delayed dormant period. Apply in a minimum of 100 gals by ground and 20.0 gals by air.
		0.5 to 1.0 lb	2.9 (bloom)	31.0	5 days	

Table continued on next page.

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Crop	Disease	Rate Per Acre (Product)	Maximum Rate Per Application (Lbs Product/A) ¹	Maximum Annual Rate (Lbs Product /A) ²	Minimum Retreatment Interval ³	Remarks
Plums and Prunes	Brown rot, Shot hole	6.0 to 15.6 lbs	15.6 (dormant)	35.0	7 days	For Shot hole: Apply as a dormant spray up to bud swell. May be combined with dormant oil at 2.0 gals/100 gals water or with 3.0 to 6.0 gals dormant oil/A concentrate or by air. For Brown rot: Apply in pre-blossom, blossom and petal fall periods.
		1.0 to 2.9 lbs	2.9 (bloom)	35.0	5 days	
Walnuts	Walnut blight	4.0 to 7.7	7.7	62.0	7 days	Apply in each of the following growth stages: pre-bloom, bloom (1% and 10 to 20% bloom) and post-bloom. When rain threatens, additional applications made immediately before or after rains are important.

*Not for use in California

¹ Maximum pounds of this product which may be applied to an acre for each application.

² Maximum amount of this product which may be applied to an acre each growing season. Lower single application rates at higher application frequencies may be used.

³ Minimum number of days between each application.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

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