

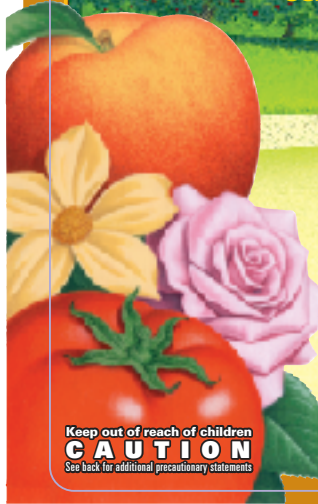
**Year 'round  
protection**



**Copper  
Fungicide**

# **KOP-R-SPRAY**

**CONCENTRATE**



**Roses and Ornamentals:**  
*Controls powdery mildew,  
black spot, rust.*

**Fruit Trees:** *Controls peach  
leaf curl, brown rot, fire  
blight, shothole.*

**Vegetables:** *Controls downy  
mildew, leaf spot, scab.*

**ACTIVE INGREDIENT:**

Copper, Metallic..... 8%  
(from Copper Ammonium Complex)

**INERT INGREDIENTS**..... 92%

Contains 0.784 lbs. Copper per gallon.

**NET CONTENTS**

**1 PINT (473 ml)**

09 60 5120 - 05/02

Keep out of reach of children

**CAUTION**

See back for additional precautionary statements

**ONION:** Use 2 teaspoons to control Purple Blotch and Downy Mildew. Apply when plants are 4 to 6 inches high and repeat at 7 to 10 day intervals.

**PEPPERS:** Use 1-1/2 to 3 teaspoons to control Cercospora Leaf Spot and Bacterial Spot. Make first application upon emergence of seedlings or immediately after transplanting. Apply 7 to 10 day intervals. When disease is severe, apply at 4 to 5 day intervals. Disease control is critical during fruiting.

**POTATOES:** Use 1-1/2 to 2 teaspoons to control Early and Late Blight. Apply on or before the first appearance of disease. Make 4 to 6 applications at 7 to 10 day intervals.

**SPINACH:** Use 1-1/2 teaspoons to control Anthracnose, Downy Mildew and Cercospora Leaf Spot. Begin when disease first appears. Repeat at 7 to 10 day intervals.

**TOMATOES:** Use 1 to 3 teaspoons to control Early and Late Blight, Bacterial Speck and Bacterial Spot. Begin applications upon emergence of seedlings or immediately after transplanting. Apply at 5 to 7 day intervals. When disease is severe, apply at 4 to 5 day intervals. Complete coverage is essential for disease control.

#### ORNAMENTALS

Mix 3 tablespoons KOP-R-SPRAY in one gallon water. Apply at the rate of one gallon mixed spray to 200 sq. ft. of garden area or up to 2 gallons mixed spray to a large tree. Thoroughly wet foliage to the point of runoff, taking care to cover all plant surfaces. Shake the sprayer often during application.

SEE SPECIFIC USE DIRECTIONS FOR ORNAMENTALS (\*). KOP-R-SPRAY can be used on the following trees, flowering plants, woody shrubs and vines:

Arborvitae	Geranium	Peonies*
Aster	Gladiolus	Phlox
Azalea*	Hawthorne	Pine
Barberry*	Hollyhock	Rhododendron
Begonia	Iris	Rose
Boxwood	Ivy	Snapdragon
Camellia	Juniper*	Spruce
Carnation	Laurel	Stocks
Cedar*	Lilac*	Sweet Pea
Chrysanthemum	Lilies	Sycamore*
Cypress	Linden	Tulips
Dahlia	Maple	Tuliptree
Delphinium	Marigold	Violets
Dogwood	Nasturtium	Virginia Creeper
Elm*	Oak*	Willow*
Gardenia	Palm*	Yew
	Pansies	Zinnia

Use KOP-R-SPRAY to control the following diseases of ornamentals listed above:

Anthraxnose	Leaf blotch
Bacterial Blight (Pseudomonas)	Leaf gall
Bacterial leaf spot (Pseudomonas)	Leaf scorch (Septoria)
Black canker (Phylospora)	Leaf spots (Cercospora) (Septoria)
Black spot (Diplocarpon)	(Botrytis)
Botrytis blight	Lichens*
Cedar-apple rust (Gymnosporangium)	Nectria canker (Volutella)
Coryneum blight	Needle cast
Dieback (Phytophthora)	Powdery mildew
Downy mildew	Scab
False smut (Graphiola)	Stem canker (Leptosphaeria)
Leaf blight (Anthracnose)	Twig blights (Anthracnose) (Venturia)
Leaf blister (Taphrina)	

#### \*SPECIFIC USE DIRECTIONS FOR ORNAMENTALS

KOP-R-SPRAY is best used as a preventive treatment. Apply before disease appears when disease conditions occur, such as during hot, humid weather or cool, moist weather. Repeat at 7 to 10 day intervals and after rain.

For anthracnose on sycamore, apply when leaf buds begin to open. Repeat as full coverage spray 10 to 14 days later.

For bacterial blight of lilac, apply in September and again before fall rains.

For bacterial leaf spot on barberry, apply when leaves appear. Repeat 2 to 3 times 10 days apart.

For black canker of willow, apply when new leaves are one-quarter inch long. Repeat in 2 weeks.

For botrytis blight of peonies, apply before shoots are 1 foot tall. Repeat in 2 weeks, and again if any signs of disease appear.

For cedar-apple rust of cedar and juniper, apply in July or August.

For leaf blister of elm and oak, apply before growth begins or as leaves uncurl.

For leaf gall of azalea, apply to entire plant before buds break in spring. Repeat 2 to 3 weeks later.

For anthracnose, false smut, leaf spots or scab of palm, apply until stems and leaves are wet at first sign of disease.

For lichen control, apply as a directed spray to thoroughly wet lichens. Repeat as needed.

#### STORAGE AND DISPOSAL

Store this product in its original container out of reach of children and domestic animals. *If empty:* Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled:* Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

## LILLY MILLER® KOP-R-SPRAY™ CONCENTRATE

#### DIRECTIONS FOR USE

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

#### SHAKE WELL BEFORE USING.

#### KEEP FROM FREEZING.

The control of fungal disease is based on prevention, including keeping garden and border areas clean, destroying leaves in the fall, and applying fungicides either before or at the onset of disease. Plant surfaces must be completely covered with fungicide to successfully prevent infection. Repeat applications may be needed for adequate control. Use the highest rate indicated during conditions of severe disease pressure, such as wet or humid weather. The lower rate is suitable for general preventive applications.

LILLY MILLER BRANDS  
PO BOX 2289 • CLACKAMAS, OR 97015  
EPA Reg. No. 909-92 EPA Est. 48498-CA-1  
www.lillymiller.com  
09605120 - 06/03



## FRUITS AND NUTS

Mix specified amount of KOP-R-SPRAY in one gallon water. Apply at the rate of one gallon mixed spray to 200 sq. ft. of garden area or up to 2 gallons mixed spray to a large tree. Thoroughly wet foliage to the point of runoff, taking care to cover all plant surfaces. Agitate the container of mixed spray regularly during application.

**ALMONDS:** Use 3 to 4 tablespoons to control Shot-hole. Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply every 3 to 4 weeks up until late bud swell—the period in spring before buds begin to open. Do not apply after full bloom. Use 3 to 4 tablespoons to control Brown Rot. Apply at delayed dormant\* bud swell stage.

**APPLES:** Use 3 to 4 teaspoons to control Anthracnose and European Canker. Apply before fall rains. Use on yellow varieties may cause discoloration. To avoid, pick before spraying. Use 2 to 4 teaspoons to control Fireblight. Make application when buds are silvery but before most have turned green. Discontinue use when green-tip is 1/2 inch long to avoid damaging new growth.

**APRICOTS:** Use 3 to 4 tablespoons to control Brown Rot Blossom Blight and Blossom Rot. Apply when buds show red color until brown bud jackets have fallen. Use 3 to 4 tablespoons to control Shothole. 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:** Use 3 tablespoons to control Anthracnose. Begin application when the flower buds begin to swell and continue at monthly intervals until August.

**BLACKBERRIES** (Santiam, Logan, Boysen, Marion, Aurora, Cascade, Chehalem, Thornless Evergreen): Use 4 teaspoons to control Leaf and Cane Spots.

Apply as a delayed dormant spray after training in the spring and after harvest in the fall. Use 2 teaspoons in late spring.

**CHERRY:** Use 1-1/2 teaspoons to control Deadbud (*Pseudomonas syringae*). Apply in October (before heavy fall rains) and again in January. Where the disease is severe, another application should be applied in August. Use 2 to 3 teaspoons to control Brown Rot Blossom Blight. Apply when buds show white (popcorn stage) and at full bloom.

**CITRUS:** Use 3/4 to 1 teaspoons to control Melanose, Scab, Greasy Spot, and Pink Pitting. Apply as a post bloom spray. Use 2 to 6 teaspoons to control Brown Rot (California only). Begin applications in the fall before or just after heavy rains.

**FILBERTS:** Use 1 to 2 tablespoons to control Bacterial Blight. Apply in late August or early September. In seasons of heavy rainfall, apply again when 3/4 of the leaves have dropped.

**GRAPES:** Use 2 teaspoons KOP-R-SPRAY plus 0.3 ounce hydrated lime to control Black Rot, Powdery Mildew, Downy Mildew and Anthracnose. Make first application when new growth is 1/2 inch long and repeat at 10 to 14 day intervals. Caution: Slight to severe foliage injury may occur on copper sensitive varieties such as Concord, Delaware, Niagara and Rosetti.

**MANGOS:** Use 3 tablespoons to control Anthracnose. Apply weekly from the time the flowers are 2 inches in length until all fruits are set and monthly thereafter until August.

**OLIVES:** Use 2 to 3 teaspoons to control Peacock Spot. Make first application before winter rains fall. A second application should be made in early spring if disease is severe.

**PEACHES, NECTARINES:** Use 3 to 4 tablespoons to

control Blossom Brown Rot. Apply as a dormant or delayed dormant\* spray. Do not apply at or after full bloom. Use 3 to 4 tablespoons to control Leaf Curl. Apply at leaf fall. Clean up and destroy fallen leaves. To control Shothole and Peach Blight (California only), use 3 to 4 tablespoons. Apply at leaf fall to protect buds and shoots from infection during rainy periods. Reapply every 3 to 4 weeks up until late bud swell. Do not apply after full bloom. To control Bacterial Spot (California only), use 2 teaspoons as a dormant spray. Use 1/4 teaspoon as a post bloom spray. Apply twice during the season, but do not use later than 3 weeks prior to harvest. Do not use at rates above those recommended. Caution: Slight loss of leaves may occur from post bloom use.

**PEARS:** Use 1 teaspoon to control Fire Blight. Apply at five day intervals throughout bloom period. Use 1 tablespoon to control *Pseudomonas* Blight. Apply before fall rains and again during the dormant season before spring growth starts. Excessive dosages may discolor fruit surface.

**STRAWBERRIES:** Use 1 to 2 teaspoons to control Leaf Spot and Scorch. Spray at 7 to 10 day intervals from the time new growth starts until harvest.

**WALNUTS:** Use 3 to 4 tablespoons to control Walnut Blight. Make first application at early pre-bloom. Make second application at late pre-bloom. Make additional applications if disease conditions persist.

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

## VEGETABLES

Mix specified amount of KOP-R-SPRAY in one gallon water. Apply at the rate of one gallon mixed spray to 200 sq. ft. of garden area. Thoroughly wet foliage to the point of runoff, taking care to cover all plant surfaces. Shake sprayer often during application.

**BEANS (Snap and Dry):** Use 1 to 3 teaspoons to control Bacterial Blight and Halo Blight. Begin when plants are 3 to 5 inches high and before diseases appear. Repeat at 7 to 10 day intervals or at 5 to 7 day intervals under conditions of severe disease pressure.

**BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER:** Use 1 to 2 teaspoons to control Downy Mildew (cabbage only). Apply at 7 day intervals. Use 2 teaspoons to control Black Rot (*Xanthomonas*) and Blackleaf Spot (*Alternaria*). Apply at 7 to 10 day intervals. Caution: A slight reddening of older leaves may occur on broccoli and a slight flecking of outer leaves may occur on cabbage at this rate.

For control of diseases of these crops, begin applications after transplants are set in the garden, or shortly after the emergence of seedlings, or when conditions favor disease development.

**CANTALOUPE, MELONS, CUCUMBERS, SQUASH:** Use 2 to 3 teaspoons to control Powdery Mildew, Downy Mildew, Scab, *Alternaria* and Angular Leaf Spots. Apply weekly beginning after vining and continue until mid-harvest.

**CARROTS:** Use 2 to 3 teaspoons to control Early and Late Blight. Apply when plants are 6 inches high. Make 3 to 5 applications at 7 to 10 day intervals.

**CELERY:** Use 2 to 3 teaspoons to control Early and Late Blight. Apply on first appearance of disease. Make 4 to 7 applications at 7 day intervals.

**EGGPLANT:** Use 2 teaspoons to control *Alternaria* Blight, Anthracnose and *Phomopsis*. Apply before disease appears and repeat at 7 to 10 day intervals.



#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid contact with skin, eyes or clothing. Causes eye irritation. May cause skin sensitization reactions in certain individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

##### FIRST AID

Have product container or label with you when calling a poison control center or doctor, or going for treatment. *If swallowed:* Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. *If inhaled:* Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. *If on skin or on clothing:* Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. *If 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.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**NOTICE:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

##### LILLY MILLER BRANDS

PO BOX 2289 • CLACKAMAS, OR 97015  
EPA Reg. No. 909-92 EPA Est. 48498-CA-1  
www.lillymiller.com  
09605120 - 06/03

▲  
PEEL BACK BOOK HERE AND RESEAL AFTER OPENING