



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
278637

Application for Pesticide - Section I

1. Company/Product Number 909-92	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Cooke Kop-R-Spray	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Central Garden & Pet, dba Lilly Miller Brands 16201 SE 98th Clackamas OR 97015 <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: 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 NOV 18 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below. ABN: Lilly Miller Kop-R-Spray Concentrate and marketing text highlighted on attached label.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
This notification is consistent with PRN 98-10 and 40CFR152.46 and no other changes have been made to the labeling or the CSF of this product. I understand that it is a violation of 18 USC 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PRN 98-10 and 40CFR152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under FIFRA sec 12

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> 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 Molly E. Hickman	Title Technical Services Manager	Telephone No. (Include Area Code) 503-451-4436
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 Molly Eltckeman	3. Title Technical Services Manager	
4. Typed Name Molly E. Hickman	5. Date 9-30-02	

Year 'round
protection

Copper
Fungicide

Lilly
Miller

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 QUART (946 ml)

Keep out of reach of children

CAUTION

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

09605130-07/02



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 Shothole. 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, Merion, Aurora, Cascade, Chehalis, 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 8 teaspoons to control Brown Rot (California only). Begin applications in the fall before or just after heavy rains.

FILEBERTS: 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 Rosetta.

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 a 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 begin to 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 7 to 7 day intervals under conditions of severe disease pressure.

NOTIFICATION

NOV 1 8 2002



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.

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 at 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 700 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	Dogwood	Linden	Spruce
Aster	Elm*	Maple	Stocks
Azalea*	Gardenia	Marigold	Sweet Pea
Barberry*	Geranium	Nasturtium	Sycamore*
Begonia	Gladolus	Oak*	Tulips
Boxwood	Hawthorne	Palm*	Tuliptree
Camellia	Hollyhock	Pansies	Violets
Carnation	Iris	Peonies*	Virginia Creeper
Cedar*	Ivy	Phlox	Willow*
Chrysanthemum	Juniper*	Pine	Yew
Cypress	Laurel	Rhododendron	Zinnia
Dahlia	Lilac*	Rose	
Delphinium	Lilies	Snapdragon	

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

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

***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. Do not reuse empty container. Rinse container before discarding. Securely wrap container in several layers of newspaper and discard in trash.

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

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. 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.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. **If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **If On Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists. **If In Eyes:** Flush with plenty of water and get medical attention.

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
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PEEL BACK BOOK HERE AND RESEAL AFTER OPENING