

54705-7

2-29-2000

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
270122

Application for Pesticide - Section I

1. Company/Product Number 54705-7	2. EPA Product Manager Cynthia Giles-Parker	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Liqui-Cop	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Lynne C. Zahigian Lawn and Garden Products, Inc. 6650 Wade Lane Stagescoach, NV 89429 <input checked="" 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. 10465-3 Product Name Copper-Count® - N	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated	NOTIFICATION FEB 29 2000
<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.)
Amendment to match basis label. Changed precautionary statement, deleted parts and added one.

This notification is consistent with the provisions of PR Notice 98-10 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 statement 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 sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Glass	<input 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 1 pint, 1 quart		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" 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 checked="" type="checkbox"/> Other Supplemental data sticker		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Lynne C. Zahigian	Title Regulatory Affairs	Telephone No. (Include Area Code) 775/629-1408	
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 Lynne C. Zahigian	3. Title Regulatory Affairs		
4. Typed Name Lynne C. Zahigian	5. Date Feb. 21, 2000		

February 18, 2000

Document Processing Desk (NOTIF)
Office of Pesticide Programs (H7504C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460-0001

ATTENTION: Ms. Cynthia Giles-Parker, Product Manager (22)
Fungicide-Herbicide Branch

RE: Liqui-Cop
EPA Reg. No. 54705-7
Notification of Minor Label Change per PR Notice 98-10

Dear Ms. Giles-Parker:

Please find enclosed labeling for this notification action for Liqui-Cop. With this notification we are revising our label to be more consistent with that of the Basic Registrant's (Mineral Research and Development) EPA-approved labeling. The State of California requested changes to our label to better match the Basic Registrant's label before they would register it.

Therefore, the following changes are proposed to be made to our label:

- 1) Under the Statement of Practical Treatment we are deleting of the words "if irritation persists" from If In Eyes.
- 2) We are deleting various diseases, adding one disease and changing the rate of one crop.
 - a) Under Fruits and Nuts
 - i) Apples - Deletion of European Canker.
 - ii) Apricots - Deletion of Blossom Rot
 - iii) Peaches, Nectarines - Deletion of Peach Blight
 - iv) Olives - Changed application rate from 2 - 3 tsp. to 3 - 4 Tbsp.
 - v) Pears - Addition of Blossom Blast.
 - b) Under Vegetables
 - i) Broccoli, Brussels Sprouts, Cabbage, Cauliflower - Deletion of Alternaria.
 - ii) Cantaloupes, Melons, Cucumbers, Squash - Addition of Anthracnose and the Deletion of Scale.

I am enclosing the following in support of our proposed notification:

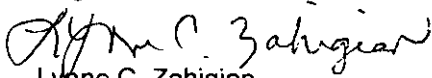
- 1) Application for Pesticide, EPA Form 8570-1.
- 2) Two (2) copies of our proposed labeling (highlighted to notate the changes).
- 3) Self-addressed return card acknowledging USEPA's acceptance of our Notification.

Please note that I am now working for Lawn and Garden Products, Inc. out of my home in Nevada. Please address all correspondence to my attention at 6650 Wade Lane, Stagecoach, NV 89429.

Ms. Cynthia Giles-Parker, Product Manager (22)
Fungicide-Herbicide Branch
U.S. Environmental Protection Agency
February 21, 2000
Page 2 of 2

If you require any further information, please contact me at (775) 629-1408.

Regards,



Lynne C. Zahigian
Regulatory Affairs

cc: LGPI-EPA/Liqui-Cop
LCZ-EPA/Liqui-Cop
LCZ-Chron



LIQUI-COP

Copper Fungicidal Garden Spray

For The Control Of Many Diseases
Attacking Citrus, Fruits, Nuts,
Vegetables and Ornamentals

ACTIVE INGREDIENT:

Metallic Copper* 8.0%

INERT INGREDIENTS 92.0%

TOTAL 100.0%

* From copper ammonium complex.

EPA Reg. No. 54705-7

EPA Est. No. 48498-CA-1

Manufactured for:

LAWN AND GARDEN PRODUCTS, INC.

P. O. Box 35000 • Fresno, CA 93745 • (559) 499-2100

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Call a physician.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger, or, if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes skin and eye irritation. Harmful if swallowed, absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wear long-sleeved shirt and long pants, chemical resistant gloves and shoes plus socks when applying this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide 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 or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **SHAKE WELL BEFORE USING.**

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.

MIXING AND SPRAYING DIRECTIONS

Fill spray tank half full of water. Add recommended amount of LIQUI-COP. Add balance of water.

Using either a hose-end or pressurized hand sprayer, apply at the rate of one gallon mixed spray solution to 200 sq. ft. of garden area or up to two gallons mixed spray solution 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 solution regularly during application to maintain an adequate suspension.

NOTIFICATION

FEB 29 2000

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FRUITS AND NUTS

Crop	Disease Controlled	Rate/1 Gal. Water	Instructions
ALMONDS	Brown Rot	3 - 4 Tbsp.	Apply at delayed dormant* bud swell stage.
	Shot Hole	3 - 4 Tbsp.	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.
APPLES	Anthrachnose	3 - 4 tsp.	Apply before fall rains. Use on yellow varieties may cause discoloration. To avoid, pick before spraying.
	Fireblight	2 - 4 tsp.	Make application when buds are silvery but before most have turned green. Phytotoxicity may occur from late applications. Discontinue use when green-leaf is 1/2 inch.
APRICOTS	Brown Rot Blossom Blight	3 - 4 Tbsp.	Apply when buds show red color until brown bud jackets have fallen.
	Shot Hole	3 - 4 Tbsp.	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	Anthrachnose	3 Tbsp.	Begin application when the flower buds begin to swell and continue at monthly intervals until August.
CANE BERRIES	Cane Spot	4 tsp.	Apply as a delayed dormant* spray after training in the spring and after harvest in the fall. Use 2 teaspoons in late spring.
	Leaf Spot		
CHERRIES	Deadbud	1 1/2 tsp.	Apply in October (before heavy fall rains) and again in January. Where disease is severe, another application should be applied in August.
	Coryneum Blight		
	Brown Rot Blossom Blight	2 - 3 tsp.	Apply when buds show white (popcorn stage) and at full bloom.
CITRUS	Greasy Spot	1/4 - 1 tsp.	Apply as a post bloom spray.
	Melanose Pink Pitting Scab		
	Brown Rot	2 - 6 tsp.	Begin applications in the fall before or just after heavy rains.
FLBERTS	Bacterial Blight	1 - 2 Tbsp.	Apply in late August or early September. In seasons of heavy rainfall, apply again when 3/4 of the leaves have dropped.
GRAPES	Anthrachnose	2 tsp.	Make first application when new growth is 1/2 inch long and repeat at 10 to 14 day intervals.
	Black Rot Downy Mildew Powdery Mildew		NOTICE: Slight to severe foliage injury may occur on copper sensitive varieties such as Concord, Delaware, Niagara and Rosetti.
MANGOS	Anthrachnose	3 Tbsp.	Apply weekly from the time the flowers are 2 inches in length until all fruits are set and monthly thereafter until August.
OLIVES	Peacock Spot	3 - 4 Tbsp.	Make first application before winter rains fall. A second application should be made in early spring if disease is severe.
PEACHES NECTARINES	Bacterial Spot	2 tsp.	Apply as dormant spray and/or use 1/4 tsp. 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.
			NOTICE: Slight loss of leaves may occur from post bloom use.
	Blossom Brown Rot	3 - 4 Tbsp.	Apply as a dormant or delayed dormant* spray. Do not apply at or after full bloom.
	Leaf Curl	3 - 4 Tbsp.	Apply at leaf fall. Clean up and destroy fallen leaves.
	Shot Hole	3 - 4 Tbsp.	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.
PEARS	Fire Blight	1 tsp.	Apply at 5 to 7 day intervals throughout bloom period. Excessive dosages may discolor fruit surface. DO NOT use on d'Anjou, Comice, or Seckel varieties.
	Blossom Blast	3 - 4 Tbsp.	Apply as a dormant spray. Apply only at bud break to control primary infection.
STRAWBERRIES	Leaf Spot Scorch	1 - 2 tsp.	Spray at 7 to 10 day intervals from the time new growth starts until harvest.
WALNUTS	Walnut Blight	3 - 4 Tbsp.	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

Crop	Disease Controlled	Rate/1 Gal. Water	Instructions
BEANS (Snap and Dry)	Bacterial Blight Halo Blight	1 - 3 tsp.	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	Blackleaf Spot Black Rot Downy Mildew (Cabbage only)	2 tsp. 1 - 2 tsp.	Begin applications after transplants are set in the garden, or shortly after the emergence of seedlings, or when conditions favor disease development. Continue at 7 to 10 day intervals. NOTICE: A slight reddening of older leaves may occur on broccoli and a slight flecking of outer leaves may occur on cabbage at this rate. Begin applications after transplants are set in the garden, or shortly after the emergence of seedlings, or when conditions favor disease development. Continue at 7 day intervals.
CANTALOUPE, MELONS CUCUMBERS SQUASH	Alternaria Leaf Spot Angular Leaf Spot Anthracnose Downy Mildew Powdery Mildew	2 - 3 tsp.	Apply when disease appears and repeat at 7 - 10 day intervals.
CARROTS	Early Blight Late Blight	2 - 3 tsp.	Apply when plants are 6" high. Make 3 to 5 applications at 7 to 10 day intervals.
CELERY	Bacterial Blight Early Blight Late Blight	2 - 3 tsp.	Apply on first appearance of disease. Make 4 to 7 applications at 7 day intervals.
EGGPLANT	Alternaria Blight Anthracnose Phomopsis	2 tsp.	Apply before disease appears and repeat at 7 to 10 day intervals.
ONION	Downy Mildew Purple Blotch	2 tsp.	Apply when plants are 4 to 6 inches high and repeat at 7 to 10 day intervals.
PEPPERS	Bacterial Spot Cercospora Leaf Spot	1½ - 3 tsp.	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	Early Blight Late Blight	1½ - 2 tsp.	Apply on or before the first appearance of disease. Make 4 to 6 applications at 7 to 10 day intervals.
SPINACH	Anthracnose Cercospora Leaf Spot Downy Mildew	1½ tsp.	Begin when disease first appears. Repeat at 7 to 10 day intervals.
TOMATOES	Bacterial Speck Bacterial Spot Early Blight Late Blight	1 - 3 tsp.	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

Apply as a thorough coverage spray using 3 tablespoons per 1 gallon of water. Begin application at first sign of disease and repeat at 7-14 day intervals as needed. Use shorter interval during periods of frequent rains or when severe disease conditions persist.

Notice to User: Plant sensitivities to Liqui-Cop have been found acceptable in specific genera and species listed on this label; however, it is impossible to know sensitivities under all conditions and phytotoxicity may occur. Due to the large numbers of species and varieties of ornamentals, it is impossible to test every one for sensitivity to Liqui-Cop. Neither the manufacturer or seller recommends use upon species not listed on the label nor has it been determined that Liqui-Cop can safely be used on ornamental plants not listed on this label.

Crop	Disease Controlled
Althaea (Rose of Sharon)	Bacterial leaf spot
Aralia	Xanthomonas leaf spot, Cercospora leaf spot, Alternaria
Arborvitae	Alternaria twig blight, Cercospora leaf blight
Azalea ⁽¹⁾	Cercospora leaf spot, Botrytis blight, Phytophthora dieback, Powdery mildew
Begonia	Bacterial leaf spot (Xanthomonas sp., Erwinia sp., Pseudomonas sp.)
Bougainvillea	Anthracnose, Bacterial leaf spot
Bulbs (Tulip, Gladiolus)	Anthracnose, Botrytis blight
Camellia	Anthracnose, Bacterial leaf spot
Campor tree	Pseudomonas leaf spot
Canna	Pseudomonas leaf spot
Camellia ⁽¹⁾	Alternaria blight, Pseudomonas leaf spot, Botrytis blight
Chinese tallow tree	Bacterial leaf spot (Xanthomonas sp., Pseudomonas sp.)
Chrysanthemum ⁽¹⁾	Septoria leaf spot, Botrytis blight
Cotoneaster	Botrytis blight
Dahlia	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot
Date palm	Pestalotia leaf spot
Dianthus	Bacterial spot, Bacterial soft rot
Dogwood	Anthracnose
Dusty miller	Bacterial leaf spot (Pseudomonas cichorii)
Easter lily	Botrytis blight
Echinacea	Bacterial leaf spot (Pseudomonas cichorii)
Elm "Drake"	Xanthomonas leaf spot
Euonymus	Botrytis blight, Anthracnose
European fan palm	Pestalotia leaf spot

ORNAMENTALS (Continued)

Crop	Disease Controlled
Gardenia	Alternaria leaf spot, Botrytis bud rot, Cercospora leaf spot
Geranium	Alternaria leaf spot, Botrytis gray mold, Cercospora leaf spot
Gladiolus	Alternaria leaf spot, Botrytis gray mold, Bacterial leaf blight
Goldenrain tree	Bacterial leaf spot
Hibiscus	Bacterial leaf spot
Holly fern	Pseudomonas leaf spot
Impatiens	Bacterial leaf spot
India hawthorn	Anthracnose, Entomospoium leaf spot
Ivy (English, Algerian) ⁽¹⁾	Xanthomonas leaf spot
Jora	Xanthomonas leaf spot
Juniper (Eastern red cedar)	Anthracnose
Lantana	Bacterial leaf spot
Lilac	Cercospora leaf spot
Lobloby bay	Anthracnose
Loquat	Entomospoium maculata, Colletotrichum sp.
Magnolia (Saucer)	Bacterial leaf spot
Magnolia (Southern)	Algal leaf spot, Anthracnose, Bacterial leaf spot
Magnolia (Sweet bay)	Anthracnose
Mandevilla	Anthracnose
Marigold	Alternaria leaf spot, Botrytis leaf and flower rot, Cercospora leaf spot
Mulberry, weeping	Bacterial leaf spot
Oak, laurel	Algal leaf spot (Cephaleuros virescens)
Oleander	Bacterial leaf spot, Fungal leaf spot
Pachysandra	Volvetia leaf blight
Pansy	Downy mildew
Pear (Flowering)	Fireblight, Leaf spot
Pentas (Egyptian star)	Bacterial leaf spot (Xanthomonas sp.)
Peony	Botrytis blight
Periwinkle	Phomopsis stem blight
Philodendron	Bacterial leaf spot
Philox	Alternaria leaf spot
Photinia	Anthracnose, Entomospoium
Pistachio	Anthracnose
Plantain lily	Bacterial leaf spot
Powder puff plant	Bacterial leaf spot
Pyracantha	Fireblight, scab
Queen palm	Exosporium leaf spot, Phytophthora bud rot
Rhododendron	Alternaria flower spot
Rose ⁽¹⁾	Powdery mildew, Black spot
Verbena	Xanthomonas leaf spot
Viburnum	Anthracnose
Washingtonia palm	Pestalotia leaf spot
Weeping willow	Anthracnose
Yucca (Adam's needle)	Cercospora leaf spot, Septoria leaf spot

⁽¹⁾ Discoloration of foliage and/or blooms has been noted on some varieties.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store unused pesticide in original container only, in cool, dry area out of reach of children and animals, preferably in a locked storage area. **KEEP FROM FREEZING.** Do not store in areas where temperatures frequently exceed 100°F. After use, replace cap on pesticide container. Rinse hose-end unit outdoors in clear water.

PESTICIDE DISPOSAL: Partially filled containers may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of newspaper and discard in trash.

CONDITIONS OF SALE AND WARRANTY

Lawn and Garden Products, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Lawn and Garden Products, Inc. neither makes nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and plant conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Lawn and Garden Products, Inc. and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall Lawn and Garden Products, Inc. or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Lawn and Garden Products, Inc. and is accepted as such by the Buyer.