

Ms. Molly Klettke
The Chas. H. Lilly Company
7737 NE. Killingsworth
Portland, OR 97218

JUN 21 1988

Dear Ms. Klettke:

Subject: Amendments - Revised Labeling (Copper Sulfate Standard)
Lilly/Miller Microcop Fungicide
EPA Registration No. 802-12 ✓
TriBasic Copper Sulfate 3D
EPA Registration No. 802-364
Miller's TriBasic Copper Sulfate 4D
EPA Registration No. 802-492
Your Submissions Dated June 8, 1988

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, are acceptable. A stamped copy of each label is enclosed for your records.

We note that compliance with PR Notice 87-1 was required by April 30, 1988. Submit a certification and a copy of final printed labeling for EPA Registration No. 802-12

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosures

51024:I:Mountfort:MF-10:KENCO:6/17/88:7/29/88:CS:VO:EK:CB

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

LILLY/MILLER
Microcop FUNGICIDE
(Micronized Tribasic Copper Sulfate)

ACTIVE INGREDIENT:

*Basic Copper Sulfate 90%

INERT INGREDIENTS 10%

*Metallic copper equivalent 50%

FIXED COPPER SPRAY FOR USE IN PLACE OF BORDEAUX for controlling certain diseases on Fruits, Nuts, Small Fruits, Vegetables, Flowers, Shrubs.

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

ACCEPTED
with COMMENTS
EPA Letter Dated:
1988

NET WEIGHT 1 POUND

Keep out of reach of children ✓

JUN 21 1988
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
802-12

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS ✓

WARNING: Avoid inhaling dust or spray mist. Wash thoroughly after use. May cause skin sensitization in certain individuals. Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Protective clothing, including goggles, should be worn. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT ✓

If In Eyes, flush 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 throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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.

DIRECTIONS FOR USE ✓

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

MIXING DIRECTIONS

1. For Large Spray Tanks - Fill tank about 1/4 full with water and with agitator running, add the required amount of MICROCOP FUNGICIDE. When the tank is 2/3 full add spreader, and fill the tank. Keep agitator running during filling and spraying operations.

2. Mix the required amount of MICROCOP FUNGICIDE with a small amount of water to form a smooth, creamy paste. Next, add this paste to the required amount of water. Shake sprayer frequently while spraying to insure uniformity of solution.

NOTE: One ounce of MICROCOP FUNGICIDE equals 2 1/3 tablespoons. Lilly/Miller Sta-stuk "m" extends the effective life of MICROCOP FUNGICIDE by resisting the washing effects of rains and snows. Consult your State Agricultural Experiment Station or State Extension Service Authorities for additional information as the timing, number and rate of application will vary with local conditions.

SPECIFIC DIRECTIONS - NOT FOR USE IN GREENHOUSES

PEACHES - Leaf Curl: Use 1 lb. to 16 gals. of water (2 1/3 tablespoons to 1 gal.). Apply in late fall or early winter before winter rains or snow. Repeat in late winter or early spring before buds break.

PEACHES, APRICOTS - Coryneum Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply after harvest before fall rains.

APPLES, PEARS - Anthracnose, Perennial Canker: Use 1 lb. MICROCOP FUNGICIDE plus 1 cup superior type oil to 25 gals. of water (1 1/2 tablespoons MICROCOP FUNGICIDE plus 2 teaspoons superior type oil to 1 gal.). Apply as a wetting spray after fruit harvest.

SMALL FRUITS: Use 1 lb. to 16 gals. of water (2 1/3 tablespoons to 1 gal.) for the following: Blackberry Leaf and Cane Spot: Apply sprays after September 15th, March 15th and April 1st. Gooseberries, Currants-Anthracnose, Leaf Spot: Apply sprays at full bloom stage. Repeat in two weeks and re-apply after harvest.

WALNUT - Blight: Use 1 lb. to 33 gals. of water (1 tablespoon to 1 gal.). Apply in early pre-bloom stage. Repeat in late pre-bloom and early post-bloom stages.

FILBERT - Bacterial Blight (Oregon and Washington only): Use 1 lb. to 16 gals. of water (2 1/3 tablespoons to 1 gal.) in late August or early September before the first heavy fall rains. In seasons of heavy rainfall during fall and winter, apply another spray when 3/4 of the leaves have dropped.

CELERY, POTATOES, TOMATOES - Late Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply at first sign of blight. Repeat at 4 to 5 day intervals until under control.

AZALEA - Leaf Gall: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply to entire plant before buds break in the spring. Repeat 2 to 3 weeks later. Should any galled leaves appear, remove and burn.

LILAC - Bacterial Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply thoroughly in September and again before fall rains. Prune out and burn affected parts of the bush as they appear.

FLOWERING SHRUBS - Certain Leaf Spots (Cercospora, Septoria, Botrytis): Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Spray at first appearance of small discolored areas on leaves. Repeat sprays as necessary.

LILIES, PEONIES - Botrytis Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply as a thorough coverage spray when young plants emerge. Repeat every 7 to 10 days until blooming. Remove and burn all debris and affected plant parts from growing beds.

ARBORVITAE - Berckman's Blight: Use 1 lb. to 33 gals. of water (1 tablespoon to 1 gal.). Spray twice in fall. First spray in late September or early October and second spray in early November.

DOGWOOD - Anthracnose (NW only): Use 1 lb. to 25 gals. water (1 1/2 tablespoons to 1 gal.). Begin sprays at bud break. Repeat 2 or 3 times at 10 day intervals.

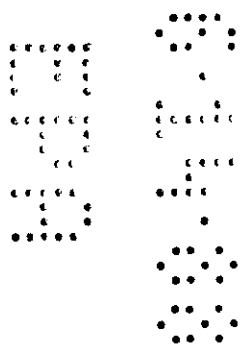
STORAGE AND DISPOSAL

Store this product in its original container and keep in a locked storage area out of reach of children and domestic animals. Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

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.

Filled by weight not by volume. Product may settle after packaging.

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97218
EPA Est. 802-OR-1
EPA Reg. No. 802-12
61004



LILLY MILLER
MICROCOP FUNGICIDE
(Micronized Tribasic Copper Sulfate)

ACTIVE INGREDIENT:
*Basic Copper Sulfate....90%
INERT INGREDIENTS....10%
*Metallic copper equivalent....50%

FIXED COPPER SPRAY FOR USE IN PLACE OF BORDEAUX for controlling certain diseases on Fruits, Nuts, Small Fruits, Vegetables, Flowers, Shrubs

LILLY/MILLER MICROCOP FUNGICIDE is a "Fixed" Copper Spray used in place of Bordeaux Mixture. It is very stable and does not deteriorate rapidly like Bordeaux Mixture when exposed to moist air.

Keep out of reach of children

WARNING - AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

Keep out of reach of children

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Avoid inhaling dust or spray mist. Wash thoroughly after use. May cause skin sensitization in certain individuals. Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Protective clothing, including goggles, should be worn. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

If In Eyes, flush 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 throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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.

NET WEIGHT 16 LBS.

PLEASE READ ENTIRE LABEL. USE ONLY AS DIRECTED, NOTING ALL PRECAUTIONS AND WARNINGS.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or an area about to be treated. Oral warnings must be given if written warnings cannot be understood by workers and must be in a language they understand. Give specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, the period of time field must be vacated, and appropriate actions to take in case of accidental exposure.

Written warnings must include the following information: WARNING. Area treated with MICROCOP FUNGICIDE on (date and time of application). Do not enter without full protective clothing until sprays have dried.

MIXING DIRECTIONS

1. For Large Spray Tanks—fill tank about 1/4 full with water and with agitator running, add the required amount of MICROCOP FUNGICIDE. When the tank is 2/3 full add spreader, and fill the tank. Keep agitator running during filling and spraying operations.
2. For Small Amounts—mix the required amount of MICROCOP FUNGICIDE with a small amount of water to form a smooth creamy paste. Next add this paste to the required amount of water. Shake sprayer frequently while spraying to insure uniformity of solution. NOTE: One ounce of MICROCOP FUNGICIDE equals 2 1/3 tablespoons. Lilly/Miller Sta-stuk extends the effective life of MICROCOP FUNGICIDE by resisting the washing effects of rains and snows. Consult your State Agricultural Experiment Station or State Extension Service Authorities for additional information as the timing, number and rate of application will vary with local conditions.

SPECIFIC DIRECTIONS- NOT FOR USE IN GREENHOUSES

PEACHES - Leaf Curl: Use 6 lbs. to 100 gals. of water (2 1/3 tablespoons to 1 gal.). Apply in late fall or early winter before winter rains or snow. Repeat in late winter or early spring before buds break.

PEACHES, APRICOTS—Coryneum Blight: Use 4 lbs. to 100 gals. of water (1 1/2 tablespoons to 1 gal.). Apply after harvest before fall rains.

APPLES, PEARS—Anthracnose, Perennial Canker: Use 4 lbs MICROCOP FUNGICIDE plus 1 qt. Lilly/Miller Superior Type Spray Oil to 100 gals. of water (1 1/2 tablespoons MICROCOP FUNGICIDE plus 2 teaspoons Lilly/Miller Superior Type Spray Oil to 1 gal.). Apply as a wetting spray after fruit harvest.

SMALL FRUITS: Use 6 lbs. to 100 gals. of water (2 1/3 tablespoons to 1 gal.) for the following: Blackberry Leaf and Cane Spot: Apply sprays after September 15th, March 15th and April 1st. Gooseberries, Currants—Anthracnose, Leafspot: Apply sprays in full bloom stage, repeat in two weeks and re-apply after harvest.

WALNUTS—Blight: Use 3 lbs. to 100 gals of water (1 tablespoon to 1 gal.). Apply in early pre-bloom stage. Repeat in late pre-bloom and

early post-bloom stages.

FILBERTS-Bacterial Blight (Oregon & Washington only): Use 6 lbs. to 100 gals. of water (2 1/3 tablespoons to 1 gal.) in late August or early September before the first heavy fall rains. In seasons of heavy rainfall during fall and winter, apply another spray when 3/4 of the leaves have dropped.

CELERY, POTATOES, TOMATOES-Late Blight: Use 4 lbs. to 100 gals. of water (1 1/2 tablespoons to 1 gal.). Apply at first sign of blight. Repeat at 4 to 5 day intervals until under control.

AZALEA-Leaf Gall: Use 4 lbs. to 100 gals. of water (1 1/2 tablespoons to 1 gal.). Apply to entire plant before buds break in the spring. Repeat 2 to 3 weeks later. Should any galled leaves appear, remove and burn.

LILAC-Bacterial Blight: Use 4 lbs. to 100 gals. of water (1 1/2 tablespoons to 1 gal.). Apply thoroughly in September and again before fall rains. Prune out and burn affected parts of the bush as they appear.

FLOWERING SHRUBS-certain Leaf Spots (Cercospora, Septoria, Botrytis): Use 4 lbs. to 100 gals. of water (1 1/2 tablespoons to 1 gal.). Spray at first appearance of small discolored areas on leaves. Repeat sprays as necessary.

LILIES, PEONIES-Botrytis Blight: Use 4 lbs. to 100 gals. of water (1 1/2 tablespoons to 1 gal.). Apply as a thorough coverage spray when young plants emerge. Repeat every 7 to 10 days until blooming. Remove and burn all debris and affected plant parts from growing beds.

ARBORVITAE-Berckman's Blight: Use 3 lbs. to 100 gals. of water (1 tablespoon to 1 gal.). Spray twice in fall. First spray in late September or early October and second spray in early November.

DOGWOOD-Anthrachnose (N.W. only): Use 4 lbs. to 100 gals. water (1 1/2 tablespoons to 1 gal.). Begin sprays at bud break. Repeat 2 or 3 times at 10-day intervals.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMIT OF WARRANTY AND LIABILITY

The Chas. H. LILLY Co. (LILLY) warrants that this product conforms to the chemical or other description on the label (and/or instructions) and is reasonably fit for the purposes set forth on the label (and/or instructions) when used strictly in accordance with the label (and/or instructions) under the conditions described there. NO OTHER EXPRESS

OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the following conditions:

*Buyer and all users shall promptly notify LILLY of any claims whether based in contract, negligence, strict liability, other tort, or otherwise.

*THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE LIMIT OF LIABILITY OF LILLY FOR ANY LOSS, INJURY OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (including claims based upon contract, negligence, strict liability, other tort, or otherwise) SHALL BE:

1. The purchase price paid for the product, or at the election of LILLY
2. The replacement of such quantity of the product as is involved.

IN NO EVENT SHALL LILLY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

*LILLY agents have no authority to give warranties or make representations on its behalf, concerning the use, quality or performance of this product, or in any other respect.

*The use, handling, storage, and other influencing factors are beyond the control of LILLY. Buyer assumes all risk of loss, injury, or damage due to use, handling, storage and other influencing factors, including but not limited to, incompatibility with other products, and weather conditions.

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.

Filled by weight not by volume. Product may settle after packaging.

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