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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 23 1991

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Peggy M. Galloway
LANDIS INTERNATIONAL INC.
AGENT FOR: NPP INC.
BOX 5126
VALDOSTA, GA 31603

Subject: Label Amendment Submission of 01/10/94 in Response to PR Notice 93-7
EPA Reg. No. 59716-1
CAFFARO COPPER OXYCHLORIDE WP

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

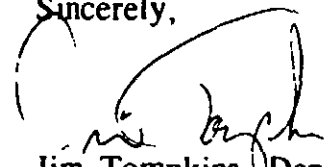
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Peggy M. Galloway
LANDIS INTERNATIONAL INC.
AGENT FOR: CAFFARO S.P. A.
BOX 5126
VALDOSTA GA 31603

Comment for: EPA Reg Nr.59716-1
CAFFARO COPPER OXYCHLORIDE WP

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

Add the following User Safety Recommendation to the label
in the location shown in Section A on Part 1 of the Product
Worksheet in Supplement Three-A to PR Notice 93-7: "Remove
clothing immediately if pesticide gets inside. Then wash
thoroughly and put on clean clothing."

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

Correct the typographical errors circled on your proposed
label.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER - PELIGRO

~~Remove or cover contaminated clothing. Do not get in eyes, on skin, or on clothing. Protective clothing, including goggles and rubber gloves, should be worn. Wash all contaminated clothing thoroughly with soap and water before handling. Do not re-contaminated clothing and wash before.~~

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 allow rinsate from cleaning of equipment or disposed material to enter surface or ground water.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
The contents of this package should not be used as a dust.

RE-ENTRY STATEMENT

~~Do not re-enter treated area without protective clothing until spray has dried.
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.
Because certain crops may require more than one re-entry in control for various crops treated with this product, consult your State Department of Agriculture for further information.
Minimum re-entry warnings must be given to workers who are expected to be in treated areas. Do not re-enter areas about to be treated with this product. When re-entry warnings are given, warnings shall be given in language customarily understood by workers. Oral warnings must be given if there is reason to doubt that written warnings can be understood by workers. Written warnings must include the following information: DANGER Area treated with CUPROCAFFARO on date of application. Do not enter without appropriate protective clothing until spray has dried. In case of accidental exposure, see the Statement for Practical Treatment on this label.~~

CHEMIGATION

DO NOT APPLY THIS PRODUCT THROUGH ANY IRRIGATION SYSTEM UNLESS THE SUPPLEMENTAL LABELING ON CHEMIGATION IS FOLLOWED.

GENERAL INSTRUCTIONS:

Apply this product only through sprinkler irrigation system(s), including center pivot, lateral move, and tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers, or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

RECOMMENDATIONS:

Keep agitator running in supply tank during irrigation operations.

Apply continuously for the duration of the water application.

Mixing instructions for dilution of pesticide in supply tank:

Pour label-recommended amount of CUPROCAFFARO on surface of water in nearly filled mixing tank or pre-mix in a bucket before pouring into mixing tank. Keep agitator running during filling. Do not allow mixture to stand in irrigation equipment.

SPRINKLER CHEMIGATION

GENERAL INSTRUCTIONS:

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

CUPROCAFFARO

ACTIVE INGREDIENT:

Copper Oxychloride..... 85%

INERT INGREDIENTS..... 15%

TOTAL..... 100%

(METALLIC COPPER EQUIVALENT..... 50%)

KEEP OUT OF REACH OF CHILDREN

DANGER — PELIGRO

~~PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada completamente.~~

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IF IN EYES: Flush with plenty of water. Get medical attention.

IF ON SKIN: Remove contaminated clothing. Wash skin with soap and warm water. Get medical attention.

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

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

EPA Reg. No. 59716

EPA Est. No. 59716-IT-001

STORAGE AND DISPOSAL

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

STORAGE: Store unused product in original container only in cool, dry area out of reach of children and animals.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

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

ACCEPTED

with COMMENTS
in EPA Letter Dated

NET CONTENTS:

MANUFACTURED BY:

MAR 23 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

59716-1



BEST AVAILABLE COPY

Via privata Vasto,

1 - 20121 Milano, Italy

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Use CUPROCAFFARO for the control of those diseases against which an insoluble copper fungicide may be used. Make the first application when the disease to be controlled is reported to be present in the area. Repeat at 7-day to 10-day intervals or as required to maintain effective control. Use in sufficient water and thoroughly wet the plants.

Use CUPROCAFFARO as noted below. CUPROCAFFARO is adaptable to spraying from all types of spray equipment. Depending on the equipment used and the specific crop, the volume applied per acre will differ.

For dilute, high volume sprays: Use from 25 to 100 gallons of water per acre (GPA) for most vegetable crops; 400 to 800 GPA for fruit orchards; and up to 1500 GPA as may be required for large citrus groves. No additional surfactants are needed.

For concentrate ground sprays: Apply from 5 to 20 GPA for most vegetable crops; and 25 to 100 GPA for fruit and nut crops. No additional surfactants are needed.

For aerial spraying: 3 to 15 GPA are commonly used. No additional surfactants are needed.

With the agitator running, add CUPROCAFFARO slowly to a spray tank partially filled with water. Spreader-stickers, insecticides, nutrients, etc., should be added last. Finish filling the spray tank with water and apply at once. (NOTE: Observe all cautions and limitations on label of all products used in mixtures).

THE FOLLOWING SPECIFIC INSTRUCTIONS ARE BASED UPON GENERAL APPLICATIONS. THE RECOMMENDATIONS OF THE STATE AGRICULTURAL EXTENSION SERVICES SHOULD BE CLOSELY FOLLOWED AS TO TIMING, FREQUENCY, AND NUMBER OF APPLICATIONS PER SEASON.

CARROT: Cercospora Leaf Spot; Macrosporium Leaf Spot — Use 4 lbs. per acre.

CELERY: Early Blight (Cercospora); Late Blight (Septoria) — Use 4 lbs. per acre.

CUCUMBERS, MELONS: Anthracnose; Angular Leaf Spot; Downy Mildew; Scab — Use 4 lbs. per acre.

PEACHES: Leaf Curl — Use 4 lbs. per acre per 100 gallons of water. Apply at pre-bloom to petal fall.

POTATOES: Early Blight; Late blight — Use 4 lbs. per acre. If late blight infection is severe, the dosage rate on large plants should be increased to 7 lbs. per acre. Spray plants thoroughly.

PEPPER, TOMATOES IN COLD FRAMES/GREENHOUSES, ETC.: Damping-off — Use 4 lbs. in 100 gallons of water or 2 ounces in 3 gallons. The suspension should be kept well agitated. Apply at 4-day to 7-day intervals, beginning when the plants break through the ground. Spray the plants lightly but thoroughly. Also apply to the soil surrounding the plants. Do not use on cabbage and related crops for the control of damping-off.

TOMATOES: Early Blight; Late Blight; Septoria Leaf Spot — Use 4 lbs. per acre. If late blight infection is severe, the dosage rate on large plants should be increased to 7 lbs. per acre. Spray plants thoroughly.

Bacterial Spot — Use 5 to 6 lbs. per acre. In the seed bed, apply every 5 to 6 days after the first leaves appear. In the field, apply at 5-day to 7-day intervals if the disease is known to occur in the area. During periods of rainy weather, use the shorter interval between sprays. Spray plants thoroughly.

Use high rate when conditions are favorable for disease development or when signs and symptoms of disease are present. Use lower rate when conditions are less favorable for disease.

SUGAR BEETS: Cercospora Leaf Spot — Use 6 lbs. per acre in sufficient water to obtain thorough coverage. Begin applications when disease first appears and repeat at 7-day to 10-day intervals for as long as disease threatens. May be applied up to the day of harvest.

CITRUS INCLUDING GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGERINES, TANGELOES: Melanose Scab; Greasy Spot — Use 6 lbs. in 500 gallons of water. Apply in dormant season before Spring growth appears. Repeat one to three weeks after petal fall. For melanose and scab, repeat four weeks later. Do not apply in areas where copper injury is known to occur or where fumigation with hydrogen cyanide gas is practiced.

ORNAMENTALS: Azaleas: Bud Blight; Twig Blight — Use 4 lbs. per 100 gallons of water.

Vinca: Canker; Dieback — Use 4 lbs. per 100 gallons of water.

WARRANTY CONDITION OF SALE

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is, however, impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Caffaro S.p.A., or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER

Caffaro S.p.A. warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Caffaro S.p.A. makes no other warranties, expressed or implied, including FITNESS OR MERCHANTABILITY. In no case shall Caffaro S.p.A. or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Caffaro S.p.A. and is accepted as such by the Buyer.

BEST AVAILABLE COPY

CAFFARO COPPER OXYCHLORIDE WP, EPA Registration No. 59716-1:

Replacement Text #1:

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

Replacement Text #2:

Corrosive, causes irreversible eye damage. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through the skin. May cause skin sensitization reactions in certain individuals. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Insert Box #3:

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Insert Text #4:

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 agency responsible for pesticide regulation.

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CAFFARO COPPER OXYCHLORIDE WP, EPA Registration No. 59716-1:

Insert Box #5:

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 instruction 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 24 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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

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