

55146-14 PMD3 10F7

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION
55146-14

DATE OF ISSUANCE
NOV 21 1986

TERM OF ISSUANCE
Conditional

NAME OF PESTICIDE PRODUCT

Copzin

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Agri-Chemical Products
7324 Southwest Freeway, Suite 1800
Houston, TX 77074

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 55146-14."
- b. Add the following statement to the Hazards to Humans section:

May cause skin sensitization in certain individuals.

- c. Increase inert ingredient declaration so that total equals 100%.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

James M. Stone

DATE
NOV 21 1986

20F7

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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

Enclosures

FRONT LABEL

AGTROL CHEMICAL PRODUCTS
Houston, Texas 77074

ACCEPTED
with comments
MAY 1 1983

COPZIN

55146-1A

AGRICULTURAL FUNGICIDE WITH
NUTRITIONAL ZINC

ACTIVE INGREDIENT

Basic Copper Sulfate (24% Metallic Copper).....45.2%

INERT INGREDIENTS (Including 24% Elemental Zinc).....53.8%

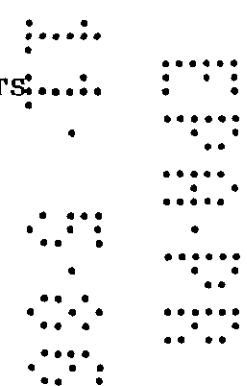
TOTAL 100.

KEEP OUT OF REACH OF CHILDREN

CAUTION ✓

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
AND STATEMENT OF PRACTICAL TREATMENT

Net Weight 20 lbs.



BACK LABEL - 1

DIRECTIONS FOR USE

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

GENERAL INSTRUCTIONS

SPRAY MIXTURE PREPARATION: Half-fill the spray tank with water. Start agitator and slowly sift in the required amount of COPZIN. Keep agitator running while adding the remaining water and any other products to the spray tank. Continue agitation until spraying is finished and tank has been emptied.

APPLYING SPRAY MIXTURE: The directions given under each crop are for applying dilute spray mixture unless otherwise shown. The amount of COPZIN applied per acre in concentrate and aerial sprays should be the same as the amount applied per acre in dilute sprays. The required amount should be mixed with enough water to thoroughly cover the crop with spray mixture. The volume of water needed will depend upon the spray equipment used and the size of the crop being sprayed. Read the information below about applying dilute, concentrate and aerial sprays.

APPLYING DILUTE HIGH-VOLUME SPRAYS: On vegetable crops use 25 to 100 gallons of spray mixture per acre; on fruit and nut trees use 250 to 800 gallons per acre. As much as 1500 gallons per acre may be needed for large trees.

APPLYING CONCENTRATE GROUND SPRAYS: On vegetable crops use 5 to 20 gallons of spray mixture per acre; on fruit and nut trees use 25 to 250 gallons per acre.

APPLYING AERIAL SPRAYS: Use 3 to 30 gallons per acre.

RE-ENTRY STATEMENT

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Do not enter treated area without protective clothing until spray has 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.

Handwritten notes:
1. Use 1/2 cup
2. Use 1/2 cup
3. Use 1/2 cup

ALMONDS: For control of Shothole Blight - Use 11 lbs. per 100 gals. of water. Use in dormant, petal fall and jacket sprays.

APPLES: For control of Fireblight - Use 0.8 to 1.2 lbs. per 100 gals. of water. Begin at 10% bloom. Repeat at 5-day intervals until late bloom is over.

APRICOTS: For control of Brown Rot - Use 8.7 to 10.3 lbs. per 100 gals. of water. Apply in red bud to pre-jacket fall stages. For control of Shothole - Use 11 to 17.4 lbs. per 100 gals. of water. Apply as a fall or winter dormant spray, applying before the first rains. Repeat in red bud to popcorn stages.

CITRUS: (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangelos): For control of Brown Rot - Use 1 to 3.2 lbs. plus 3 lbs. Zinc Sulfate and 4 lbs. hydrated lime in 100

gals. of water. In California, for groves to be fumigated or where copper injury is a problem, use the lower rate. Where the groves are not to be fumigated or where copper injury is not a problem, use the higher rate. Apply at first indication of fall rains, or at first sign of disease.

PEACHES, NECTARINES: For control of Leaf Curl and Shothole - Use 8.7 to 12.7 lbs. per 100 gals. of water; or in California, use 26.9 to 34.8 lbs. per acre in sufficient water for good coverage; 19.8 to 39.6 lbs. per 20 gals. of water per acre by air - apply in dormant season.

PEARS: For control of Fireblight - Use 1.1 lbs. per 100 gals. of water. Apply 10% to 20% bloom, full bloom and at 5 to 7 day intervals during bloom. Do not use on Comice, Anjou or Seckel varieties.

STRAWBERRIES: Downy Mildew, Leaf Blight, Leaf Scorch, Leaf Spot - Use 5.33 lbs. per 100 gals. of water. Begin after leaves form. Repeat at 10 to 14 day intervals.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER: For control of Downy Mildew and Leaf Spots - Use 4.75 to 6.33 lbs. per 100 gals. of water. Begin when plants are above ground in plant bed or before diseases appear. Repeat at 7 to 10 day intervals in plant bed and field.

CELERY: For control of Early Blight, Late Blight, and Leaf Spots - Use 4.75 to 10.3 lbs. per 100 gals. of water. Begin in plant bed or field when plants are 6 inches high or when diseases first appear. Repeat at 5 to 14 day intervals as necessary.

LETTUCE: For control of Downy Mildew - Use 4.75 to 6.33 lbs. per 100 gals. of water. Begin before disease appears. Repeat at 7 to 10 day intervals.

ONION: For control of Downy Mildew - Use 4.75 to 6.33 lbs. per 100 gals. of water. Begin when plants are 4 to 6 inches high. Repeat at 7 day intervals.

POTATOES: For control of Early and Late Blight - Use 4.75 to 10.3 lbs. per 100 gals. of water. Begin when plants emerge, or when they are 4 to 6 inches high; or when diseases appear. Repeat at 7 to 10 day intervals or more frequently under severe late blight conditions (rainy or foggy periods).

TOMATOES: For control of Anthracnose, Bacterial Spot, Early or Late Blight, or Septoria - Use 4.75 to 10.3 lbs. per 100 gals. of water. Begin in plant bed or field before diseases appear. Repeat at 4 to 14 day intervals. For ground use only.

WARRANTY STATEMENT

AGTROL CHEMICAL PRODUCTS warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

BACK LABEL - 2

COPZIN AGRICULTURAL FUNGICIDE
WITH NUTRITIONAL ZINC

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Skin Sensitivity Statement

Harmful if swallowed, absorbed by skin or inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Do not apply this product in a manner as to directly expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter area without protective clothing until spray has dried.

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 the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

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

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

ENVIRONMENTAL HAZARDS ✓

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is toxic to fish and aquatic organisms. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites.

ENDANGERED SPECIES RESTRICTIONS ✓

It is a violation of Federal laws to use any pesticide in a manner that results in the death of an endangered species or adverse modification of their habitat.

The use of this product may pose a hazard to certain Federally designated endangered species known to occur in specific areas within the following counties:

STATE	SPECIES	BULLETIN NO.	COUNTY
CALIFORNIA	Solano Grass	EPA/ES-85-13	Solano
TENNESSEE	Slackwater Darter	EPA/ES-85-04	Lawrence Wayne Hancock
	Freshwater Mussels	EPA/ES-85-07	Claiborne Hawkins Sullivan
ALABAMA	Slackwater Darter	EPA/ES-85-05	Lauderdale Limestone Madison
VIRGINIA	Freshwater Mussels	EPA/ES-85-06	Grayson Smyth Scott Lee Washington

Before using this product in the above counties you must obtain the EPA Bulletin specific to your area. This Bulletin identifies areas within these counties where the use of this pesticide is prohibited, unless specified otherwise. The EPA Bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters, or the appropriate Regional Office of the U.S. Fish and Wildlife Service. THIS BULLETIN MUST BE REVIEWED PRIOR TO PESTICIDE USE.

STORAGE AND DISPOSAL

- ✓ Do not contaminate water, food or feed by storage or disposal.
- Wastes resulting from the use of this product may be disposed of on site or at an approved waste dump facility.
- ✓ CONTAINER DISPOSAL: Completely empty bag in 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.

