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JUN 26 1984.

PMC Corporation  
Agricultural Chemical Division  
100 Niagara Street  
Middleport, NY 14105

Gentlemen:

Subject: Copper Zinc 20-20 Spray  
EPA Registration No. 279-2200  
Your Letter Dated December 20, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

I. Add "or wetlands" to "Do not apply directly to water" in the environmental hazards statements.

*designated  
1/20/84  
Be*

Change "Caution" under "The Directions for Use" to "Note to User."

A stamped copy of the label is enclosed for your records. Submit an updated Confidential Statement of Formula for this product registration. Submit 5 copies of the final printed label.

Sincerely yours,

Henry M. Jacoby  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (75-767)

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Enclosure

RD/FHB:DCR-17086:Jacobby:KIM:Raven:557-2226:RD-4:6/1/84:Del.6/17/84

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

Code 30111

Net Weight

Pounds

# Copper Zinc 20-20 Spray

## Fungicide

EPA Reg. No. 279-2200 ZA

EPA Est., 279-

<b>Active ingredient:</b>	<b>By Wt.</b>
*Copper expressed as metallic .....	20.00%
<b>Inert ingredients:</b> .....	<b>80.00%</b>
	<b>100.00%</b>

\*Copper is in the form of basic sulphates and chlorides.  
 This product also contains Zinc expressed as metallic 20.00% derived from Basic Zinc Sulphate.

C-O-C-S®—FMC Trademark.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

For Emergency Assistance Call 716-735-3765

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans (& Domestic Animals)

##### Caution

Harmful if swallowed. Avoid inhaling dust. Avoid skin contact. Keep away from domestic animals, feed and foodstuffs.

### Environmental Hazards

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from the areas treated. Do not apply where run-off is likely to occur. Apply this product only as specified on this label.

### DIRECTIONS FOR USE

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

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.

Protective clothing means a long-sleeved shirt and trousers or a coverall type garment (all of clothing, gloves, gaiters covering the body, including the eyes and nose), shoes and socks.

Because certain states may require more restrictive reentry intervals for 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 in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

#### CAUTION

Area treated with Copper Zinc 20-20 Spray on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

### Storage and Disposal

#### Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect: (716) 735-3765.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a suitable container. Identify contents.

#### 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, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**APPROVED**

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ACCEPTED with COMMENTS in EPA Letter Dated:

JUN 26 1984

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

279-2200



FMC Corporation  
Agricultural Chemical Group  
2000 Market Street  
Philadelphia Pennsylvania 19103

10/2/81-A  
PA 6/83-R

Copper Zinc 20-20 Spray is a material containing C-O-C-S® fungicide, a fixed copper, and Basic Zinc Sulphate for use as a spray in combating certain diseases and where an insoluble zinc is recommended for correction of zinc deficiency.

### Mixing Directions

Fill the spray tank half full of water. Slowly sift in the required amount of Copper Zinc 20-20 Spray with the agitator running.

### Directions for Application

Do not use this material on deciduous trees in foliage.

**Apricots: Shot Hole Fungus**—Apply 8 to 9 pounds Copper Zinc 20-20 Spray plus 1/2 to 1 gallon Dormant Flowable Oil Emulsion per 100 gallons of water. Apply as a dormant spray and in spring at red bud period. Observe the caution statement on the oil label prior to use.

**Grapefruit, Lemons, Oranges: For prevention of Brown Rot**—Use 1 1/2 to 2 pounds per 100 gallons of water. Apply in the winter months. Spray the ground around the tree and the skirts of the trees to a height of 3 to 4 feet. Give particular attention to covering the fruit. Treat inside as well as outside, spraying trunks and skirts thoroughly (4 to 6 gallons per tree is usually adequate). Retreatment may be necessary. Do not disturb soil after treatment. In areas where there is a history of severe copper damage, spray the skirts no more than 2 feet high.

**Nectarines and Peaches: Peach Blight, Peach Leaf Curl**—Apply 8 to 9 pounds Copper Zinc 20-20 Spray plus 1/2 to 1 gallon Dormant Flowable Oil Emulsion per 100 gallons of water. Apply as a dormant spray and in spring at bud swell. Observe the caution statements on the oil label prior to use.

### Dealers Should Sell in Original Packages Only.

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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