

# COP-O-ZINC

## ACTIVE INGREDIENT:

Basic Copper Sulfate, CAS #1344-73-6

(Metallic copper equivalent 25.0%) ..... 44.48%

OTHER INGREDIENTS: ..... 55.52%

TOTAL: ..... 100.00%

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

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

### FIRST AID

#### IF IN EYES:

-Hold eye open and rinse slowly and gently with water for 15-20 minutes.

-Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

-Call a poison control center or doctor for treatment advice.

#### IF ON SKIN OR CLOTHING:

-Take off contaminated clothing.

-Rinse skin immediately with plenty of water for 15-20 minutes.

- Call a poison control center or doctor for treatment advice.

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.

-Have person sip a glass of water if able to swallow.

-Do not induce vomiting unless told to do so by the poison control center or doctor.

-Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

See back panel for additional Precautionary Statements.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are any barrier-laminate, butyl rubber, nitrile rubber, neoprene rubber, PVC and viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear the following:

1. Long-sleeved shirt and long pants
2. Chemical resistant gloves made of any waterproof material
3. Shoes plus socks
4. 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 and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

EPA Reg. No. 45002-21  
AD070611

EPA Est. No. 45002-MX-2

**Manufactured For:**  
**ALBAUGH, LLC.**  
1525 NE 36<sup>th</sup> Street  
ANKENY, IA

### USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more than application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Certain water conditions including low pH (<6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower) and "soft" waters (i.e., alkalinity less than 50 mg/L), increases the potential acute toxicity to non-target aquatic organisms

### 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 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. Do not apply this product through any type of irrigation system.

### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry, well-ventilated area.

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: Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment by shaking and tapping sides and bottom to loosen clinging particles.

When completely empty, offer for recycling if available, or 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.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with 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 instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry Interval (REI). 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 48 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:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical resistant gloves made of any waterproof material
3. Chemical resistant footwear plus socks
4. Chemical resistant headgear if overhead exposure, and Protective eyewear

### DIRECTIONS FOR DILUTION

#### MAINTAIN ADEQUATE AGITATION AT ALL TIMES

#### DILUTE APPLICATION:

Ground application - Apply specified rate in 20-60 gallons of water per acre.

Orchard application - Apply specified rates in 100-800 gallons of water per acre.

#### AIR APPLICATION:

Apply specified rate in 5-20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

#### CONCENTRATE APPLICATION:

Ground application - Apply specified rate in not less than 5 gallons of water per acre.

Orchard application - Apply specified rate in 20-100 gallons of water per acre.

NOTE: The per acre rate of this product for concentrate and aerial application is based upon a dilute ground application with conventional equipment for orchards applying 100 to 800 gallons per acre. If directions call for 1 lb. of product per 100 gallons of water, this amounts to 1-8 lbs. per acre when applied dilute, concentrate or aerial.

# SPECIMEN LABEL



### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and the method of application (e.g. ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**DROPLET SIZE:** Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

**WIND SPEED:** Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

**TEMPERATURE INVERSIONS:** If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**OTHER STATE AND LOCAL REQUIREMENTS:** Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

**EQUIPMENT:** All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

**FOR AERIAL APPLICATION:** The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. When applications are made with a cross wind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

**FOR GROUNDBOOM APPLICATION:** Do not apply with a nozzle height greater than 4 feet above the crop canopy. Handlers may be in the area during application.

### CROPS

STONE FRUIT (Almonds, Apricots, Cherries, Peaches, Nectarines)			
DISEASE	APPLICATION RATE (lbs Product/A)	MINIMUM DAYS RETREATMENT INTERVAL	COMMENT
Dormant to bud swell season: Shothole Coryneum Blight Blossom Brown Rot	8.0 – 12.0	7	Apply in sufficient water to cover according to method of application when buds start to swell in spring.
<b>RESTRICTIONS:</b> Maximum single dormant application rate is 12.0 lbs Product/A (3.0 lbs. metallic copper equivalent) Maximum annual application rate is 72.0 lbs Product/A (18.0 lbs metallic copper equivalent)			

PEACHES, NECTARINES			
DISEASE	APPLICATION RATE (lbs Product/A)	MINIMUM DAYS RETREATMENT INTERVAL	COMMENT
Dormant to bud swell season: Brown Rot, Peach blight, leaf Curl	8.0 – 12.0	5	Apply in sufficient water to cover according to method of application when buds start to swell in spring. May be applied up to full pink stage.
<b>RESTRICTIONS:</b> Maximum single dormant application rate is 12.0 lbs Product/A (3.0 lbs. metallic copper equivalent) Maximum single bloom/growing application rate is 6.0 lbs Product/A (1.5 lbs. metallic copper equivalent) Maximum annual application rate is 72.0 lbs Product/A (18.0 lbs metallic copper equivalent)			

APPLES, PEARS			
DISEASE	APPLICATION RATE (lbs Product/A)	MINIMUM DAYS RETREATMENT INTERVAL	COMMENT
Bloom & Growing Season Fireblight	2.0	5	Apply in sufficient water to cover according to method of application. Apply every 5-7 days starting at 10% bloom. <b>ATTENTION:</b> Phytotoxicity may occur from late application (discontinue use when green-tip is ½ inch)
<b>RESTRICTIONS:</b> Maximum single growing season application rate is 2.0 lbs Product/A (.5 lbs. metallic copper equivalent) Maximum annual application rate is 64.0 lbs Product/A (16.0 lbs metallic copper equivalent)			

CITRUS (Grapefruit, kumquat, Lemon, Orange, Pummelo, Tangelo, Tangerine & Lime)			
DISEASE	APPLICATION RATE (lbs Product/A)	MINIMUM DAYS RETREATMENT INTERVAL	COMMENT
Brown Rot Septoria	6.0-12.0	7	Apply 2 lbs in 100 gallons of spray. Spray lower branches 1 ½ to 3 feet from ground in late fall at time of first rains and again later as needed in extra wet years.
<b>RESTRICTIONS:</b> Maximum single application rate is 12.0 lbs Product/A (3 lbs. metallic copper equivalent) Maximum annual application rate is 50.0 lbs Product/A (12.5 lbs metallic copper equivalent)			

WALNUTS			
DISEASE	APPLICATION RATE (lbs Product/A)	MINIMUM DAYS RETREATMENT INTERVAL	COMMENT
Walnut Blight	4.0-12.0	7	Make first application when 1% of flowers are showing and second when 10% of flowers are showing. Additional applications may be made post-bloom if disease pressure persists.
<b>RESTRICTIONS:</b> Maximum single application rate is 12.0 lbs Product/A (3.0 lbs. metallic copper equivalent) Maximum annual application rate is 100.0 lbs Product/A (25.0 lbs metallic copper equivalent)			

### ZINC AND COPPER DEFICIENCY SPRAY

**Dormant Spray:** Use 4 to 6 lbs. in 100 gallons of spray added to dormant oil emulsion spray or 5 to 6 lbs. as water spray.

**Foliage Spray:** Use 3 to 4 lbs. per 100 gallons as a water spray over new foliage. For foliage oil emulsion sprays, use 1 lb. per 100 gallons of spray.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to seller; the buyer assumes the risk of any such use.

# SPECIMEN LABEL

