

# Dyna-Gro™

# COPPER

## PRODUCT INFORMATION

**Dyna-Gro Copper** is a concentrated aqueous solution of Copper that has twice the solubility on a metal basis as Copper Sulfate at 0°C and is designed for the addition to fluid fertilizer without Nitrogen reduction. Copper in this form is most easily assimilated by plants, it is effective as a foliar spray to correct and prevent Copper deficiency. Wherever Copper Sulfate has been used with desired results, **Dyna-Gro Copper** can be substituted at the same concentration with little or no change in the final mix behavior. It is important that a non-ionic surfactant be added to aid in surface coverage which will help in leaf absorption.

## CROP RECOMMENDATIONS

**Fruit Crops (including citrus):** Prevention of mild copper deficiency – Rates may vary based on soil type and severity of symptoms. Apply 4-8 ounces per acre in enough water to allow for thorough coverage. **Leaf and fruit drop will occur at these rates during periods of environmental stress or drought. Do Not use on stone fruit. Dyna-Gro Copper** may also be applied through most drip or micro-sprinkler type irrigation systems.

## DIRECTIONS FOR USE

Add desired quantity of this solution slowly to fluid fertilizer with normal agitation.

**Ground Application Foliar:** Apply the recommended amount of product in adequate water to ensure proper mixing and coverage.

**Air Application:** Use with caution at no more than 1/4 pint per acre in at least 5 gallons of water. Do not apply without the addition of a non-ionic surfactant.

## 7-0-0 COPPER

### Liquid Copper Nutritional Source for Crops Guaranteed Analysis

Total Nitrogen (N) .....	7.00%
7.0% Nitrate Nitrogen (N)	
Copper (Cu) .....	14.00%
14.00% Water Soluble Copper (Cu)	

*Derived from: Copper Nitrate*

## PRECAUTIONS

- (1) When using less than 50 gallons of water per acre, a non-ionic surfactant at the recommended rate per 100 gallons of water will aid surface coverage and leaf absorption. NOTE: When using with citrus spray oils of the 435 class, surfactants are not needed.
- (2) Do not use with liquid foliar or ground fertilizer containing phosphates.
- (3) A jar-test to check the compatibilities of new or unfamiliar combination should be performed prior to mixing and application.
- (4) A non-ionic surfactant is necessary when using on young trees.

## DANGER



**Causes severe skin burns and serious eye damage.  
May be Corrosive to Metals  
May intensify fire; oxidizer**

**Prevention:** Keep away from heat. Keep/Store away from clothing and combustible materials. Take any precaution to avoid mixing with combustibles. Wear protective gloves, chemical splash proof goggles and face protection. Do not breathe vapors, mists or sprays. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Keep in original container.

**Response:** **If swallowed:** Rinse mouth, Do NOT induce vomiting.  
**If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call doctor.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call doctor.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call doctor. Get medical advice/attention if you feel unwell.  
Absorb spillage to prevent material damage.

**Storage:** Store locked up. Store above 32°F. Store in corrosive resistant container (polyethylene, polypropylene or fiberglass, See Section 7 of SDS).

**Disposal:** Dispose of contents/containers in accordance with local/regional/national regulations (See Section 13 of SDS). Containers may be triple rinsed and offered for recycling. Do not reuse container.  
**Keep away from children.** Do not drink. Do not contaminate feed, seed or water supplies. Do not allow to dry out

## CONDITIONS OF SALE

Seller warrants that products will be labeled as required under state and federal laws and that they conform to the label description. Any non-conformance must be reported in writing to Seller within Thirty (30) days after purchase as a prerequisite to maintaining any claim against Seller. Buyer agrees to inspect all products purchased immediately upon delivery. THE SELLER'S LIABILITY UNDER THIS WARRANTY IS LIMITED IN AMOUNT TO THE PURCHASE PRICE OF THE PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THIS STATEMENT.

Manufactured By:

**CHEMICAL DYNAMICS, INC.**  
*Our Business Is To Help You Grow*

4206 Business Lane • Plant City, FL 33566 (813) 752-4950

Weight per gallon: 12.3 lbs. 1.7 lbs. Cu/gallon  
Store Above 20°F • F910

Net Weight:

Net Contents: **Specimen Label**

Lot Number: