



COPPER

Micronutrient

Guaranteed Analysis

Sulfur (S)3.00%
 3.00% Combined Sulfur (S)
 Copper (Cu)5.00%

Derived From:

Copper Sulfate

Also Contains Non-Plant Food Ingredient:

0.2% Organic Matter (derived from leonardite)

Physical Properties:

Form: Liquid

Appearance: Clear to slightly hazy royal blue, having a very slight characteristic odor.

Weight: 9.77 lb/gal, 1.10 kg/L

pH: 2.0–3.0

Caution:

Keep out of reach of children.

Harmful if swallowed. It is toxic by ingestion and may be fatal if ingested in large quantities.

The vapors, mists and liquid may cause severe irritation or burns to the eyes and irritation to the skin and respiratory tract.

Toxic to aquatic life due to copper sulfate content.

Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

The Solution for Improved Copper Nutrition in Plants

Huma Gro® COPPER carbon-complexed with Micro Carbon Technology® ensures efficient and effective uptake of copper, which is a micronutrient involved in many plant metabolic processes including photosynthesis, enzyme activity, protein metabolism, nitrogen regulation, and plant vigor. Copper deficiency affects grain, seed, and fruit formation.

Benefits of Use:

- Increases enzyme activity in the metabolism of plant
- Has a regulatory effect when soil nitrogen is high
- Has a role in the production of Vitamin A within the plant and functions in chlorophyll formation
- May be used with sulfur to improve plant tolerance of environmental stresses

Deficiency Symptoms—When to Apply:

- Young leaves become wilted, chlorotic, and twisted, followed by withering and dying
- Plants show a half-dwarfing effect with an inward rolling of leaves that develop a blue-green appearance

Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. Consult your local Huma Gro® representative or other agricultural specialist for crop-specific recommendations. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 cup/acre, 650 mL/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 1 pint/acre, 1.25 liters/hectare	Up to 1 quart/acre, 2.5 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 1 pint/acre, 1.25 liters/hectare	Up to 1 quart/acre, 2.5 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 quart/acre, 2.5 liters/hectare	Up to 2 quarts/acre, 5 liters/hectare



Powered by
**MICRO CARBON
 TECHNOLOGY**

**This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*