



## Guaranteed Analysis

Magnesium (Mg) .....5.0%  
Sulfur (S).....5.50%

### Derived From:

Magnesium Sulfate

### Physical Properties:

Form: Liquid

Appearance: Clear, light green color having a characteristic odor

Weight: 10.68 lbs per gallon, 1.28 kg/L

pH: 1.5–2.5

### Caution:

Keep out of reach of children. The liquid and mists cause eye irritation and may cause slight-to-moderate skin irritation. Inhalation of aerosols or mists may cause irritation to the respiratory tract. Ingestion may cause irritation to the entire gastrointestinal tract with central nervous system depression, lack of reflexes, sweating, decreased blood pressure, and hypocalcemia.

### Storage and Disposal:

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

### 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, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on this product:



## The Solution for Improved Magnesium Nutrition in Plants

Huma<sup>®</sup> 44 Mag<sup>®</sup>, carbon-complexed with Micro Carbon Technology<sup>®</sup>, ensures maximum assimilation of magnesium, which is the essential part of the chlorophyll molecule that gives plants their green color.

### Benefits of Use:

- Essential core of the chlorophyll molecule
- Is active in the translocation of starches and necessary for sugar formation
- Acts as a carrier for phosphorus in the plant
- Regulates the uptake of other plant nutrients
- Enhances oil and fat formation

### When to Apply:

- Low pH, high calcium, and high potash soils may reduce magnesium uptake
- Loss of green color starting at the bottom leaves and moving up the stalk; veins of leaves remain green
- Weak stalks
- Bunching-pattern root growth
- COTTON: Discolorization of leaves, turning purplish-red between the green veins, CORN: Development of an interveinal striped appearance on leaves, light yellow to white

### Application Instructions:

SHAKE WELL BEFORE USING. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops, Sod, and Specialty Crops	Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	Up to 2 oz/1000 ft <sup>2</sup> , 70 mL/100 m <sup>2</sup>	—
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 oz/1000 ft <sup>2</sup> , 105 mL/100 m <sup>2</sup>	Up to 1 gallon/acre, 10 liters/hectare
Soil banded or injected through drip tape or micro sprinklers.	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 oz/1000 ft <sup>2</sup> , 105 mL/100 m <sup>2</sup>	Up to 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 6 oz/1000 ft <sup>2</sup> , 210 mL/100 m <sup>2</sup>	Up to 2 gallons/acre, 20 liters/hectare



**Micro Carbon Technology<sup>®</sup>**

This product contains Micro Carbon Technology<sup>®</sup> (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.