



CAL-MAG™

Secondary Macronutrient

Guaranteed Analysis 7-0-0

Total Nitrogen (N).....	7.00%
7.00% Nitrate Nitrogen	
Calcium (Ca).....	8.00%
Magnesium (Mg).....	4.00%

Derived From:

Calcium Nitrate, Magnesium Nitrate

Physical Properties:

Form: Liquid

Appearance: Slightly viscous, clear to slightly hazy, light amber.

Weight: 12.25 lb/gal, 1.47 kg/L

pH: 0.5–1.5

Caution:

Keep out of reach of children.

Harmful if swallowed.

The vapors, mists, and liquid may be irritating or corrosive to all tissues contacted. Inhalation of mists may cause severe irritation or burns to the entire respiratory tract.

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 Calcium and Magnesium Nutrition in Plants

Huma Gro® CAL-MAG™ carbon-complexed with Micro Carbon Technology® ensures maximum calcium and magnesium uptake and translocation within the plant. Calcium is a required nutrient for cellular strength & growth, plant health, and fruit development. Magnesium is important in the production of chlorophyll and promotes the activity of enzymes.

Benefits of Use:

- Convenient product application combination since these two nutrients are often applied during the same growth period
- Increases stalk strength and reduces lodging in grain crops
- Increases shelf life and reduces shipping and storage disorders in fruits and vegetables
- Essential to chlorophyll production
- Enhances translocation of starches and is necessary for sugar formation
- Promotes maturity and viability in seed crops

Deficiency Symptoms—When to Apply:

- Weak stalks and lodging
- Roots short and knotted
- Leaves and terminal buds distorted or wrinkled
- Leaf die-back at the tips and along the margins
- Loss of green color starting at the bottom leaves and moving up the stalk; veins of leaves remain green

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. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	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 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare



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