

Fertilgold[®] Mg

Secondary Macronutrient

Guaranteed Analysis 0-0-0

Sulfur (S) 6.00%
Magnesium (Mg).....5.00%

Derived From:
Magnesium sulfate.

Also Contains Non-Plant-Food Ingredient:
3.0% Organic Matter (derived from leonardite)

Physical Properties:
Form: Liquid
Appearance: Slightly hazy amber, having a characteristic odor.
Weight: 10.43 lb/gal, 1.25 kg/L
pH: 4.5–5.5

Caution:
Keep out of reach of children.
Harmful if swallowed. The liquid and mists can 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, flushing, decreased blood pressure, and hypocalcemia.

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 Organic Solution for Crop Magnesium Nutrition

Carbon-complexed with Micro Carbon Technology[®], OMRI-Listed and CDFA (California Organic) Registered **Fertilgold[®] Mg** is an organic magnesium nutrient. **Fertilgold[®] Mg** ensures maximum assimilation of magnesium, which is essential to photosynthesis. Magnesium is also an activator of enzymes involved in the production and use of ATP—which plays a key role in respiration—and is needed for the creation of DNA and RNA.

Benefits of Use:

- Effectively treats magnesium deficiency symptoms
- Provides quick crop response and can be applied just prior to actual crop need
- Can be applied foliarly (according to label directions) without risk of phytotoxicity
- Can be effectively tank-mixed with other organic crop inputs
- Resists tie-up in the soil and remains available through the plant root system
- Essential core of the chlorophyll molecule
- Is active in the translocation of starches necessary for sugar formation
- Acts as a carrier for plant phosphorus
- Regulates the uptake of other plant nutrients
- Enhances oil and fat formation

Application Instructions:

SHAKE WELL BEFORE USE. May be applied to the soil or foliarly. **Do not apply foliarly in concentrations greater than 5%.** Best results will be obtained when application is concentrated in the active root zone or on the leaf surface. Applications can be made as often as every 7 to 10 days, as needed. **Fertilgold[®] Mg** 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. Suggested application rates are in the table below. Consult your local Fertilgold[®] Representative or other agricultural specialist for crop-specific recommendations.

METHOD OF APPLICATION	SUGGESTED RATE Field Crops/ Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 2 quarts/acre, 5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 2 gallons/acre, 20 liters/hectare	Up to 4 gallons/acre, 40 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 4 gallons/acre, 40 liters/hectare	Up to 8 gallons/acre, 80 liters/hectare



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

