



Magnesium

Tech Sheet

THE TECHNOLOGY

Vantage Ag – Magnesium is a highly bio-available nutrient formulation developed using our proprietary reacted liquid Quantum Ag technology. This unique formulation allows for rapid absorption and efficient transport of Magnesium within the plant. Designed to perform in all soil types and conditions, Vantage Ag – Magnesium supports healthy crop development while offering flexibility in both foliar and soil application. Its versatility and crop safety make it an effective tool in a sustainable nutrient management strategy.

MAGNESIUM NUTRITION

Magnesium plays a key role in photosynthesis as the central atom in the chlorophyll molecule. It is also essential in enzyme activation, energy transfer, and protein synthesis. Deficiency in Magnesium can lead to reduced plant vigor, interveinal chlorosis (yellowing between veins), and stunted growth. Supplementing Magnesium when levels are low helps ensure proper plant function and optimal crop yield and quality.

APPLICATION

This product is designed for use when Magnesium is low or deficient, as determined by soil or tissue analysis. It is ideal for foliar applications but can also be used in-furrow or via fertigation systems such as drip or micro-sprinklers.

- Foliar Rate: 50 mL – 80 mL per acre in a minimum of 10 gallons of water. Repeat as needed.
- Soil (In-Furrow) Rate: 65 mL – 100 mL per acre. Do not apply directly to seed.

This product is compatible with most pesticides and nutrients. Always conduct a jar test before mixing. When tank mixing, add Magnesium last once the tank is $\frac{3}{4}$ full and agitating.

The results pertain to physical compatibility and cannot predict changes in crop protection, product efficacy or crop tolerance. Test all crop protection products applied at high end of recommended rates.

PHYSICAL CHARACTERISTICS

Causes severe skin burns and eye damage.
May cause cancer.

*Product registration pending.

Analysis	3% Magnesium
Ph	< 2
Appearance	Clear
TDG	Class - Toxic, Corrosive

**QUANTUM
MATRIX™**
TECHNOLOGY

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