

Magnesium Plus®

Low Rates
High Response



Magnesium Plus®

SOIL/FOLIAR NUTRIENT

GUARANTEED ANALYSIS 0-0-0

Magnesium (Mg)	4.00%
4.00% Water Soluble Magnesium (Mg)	
Sulfur (S)	5.30%
5.30% Combined Sulfur (S)	

Derived from Magnesium Sulfate
Weight per gallon: 10.16 lb at 68° F
Grams per liter: 1218 g at 20° C

GENERAL INFORMATION:

Magnesium Plus is designed as a source of magnesium to treat or prevent deficiencies for all field, row, vegetable, fruit, tree, vine, ornamental and turf crops.

NOTE: **Magnesium Plus** is also a very good source for Sulfur at 5.3% Sulfate Sulfur.

APPLICATION RATES:

Soil: Broadcast Incorporated: 32 to 64 Oz/acre.

Soil: Surface Broadcast: Not recommended.

Side-dress: 32 Oz/acre.

In-Furrow: 16 Oz/acre.

Foliar: 32 Oz/acre. Apply weekly as needed.

Drip Irrigation: 0.50 Oz/1,000 sq ft weekly.

Injection (1:100): 4 Oz/gallon weekly (312 ppm).

Pump-Up Sprayer: 4 Oz/gallon of water.

Spray light mist over foliage from 3 feet away. Apply weekly as needed.

COMPATIBILITY: This product is compatible with most commonly used pesticides. However, it is advisable to always check for compatibility.

NOTE: Always follow label directions and precautionary statements on pesticide label.

*For More Information Please Contact **DeltAg**.

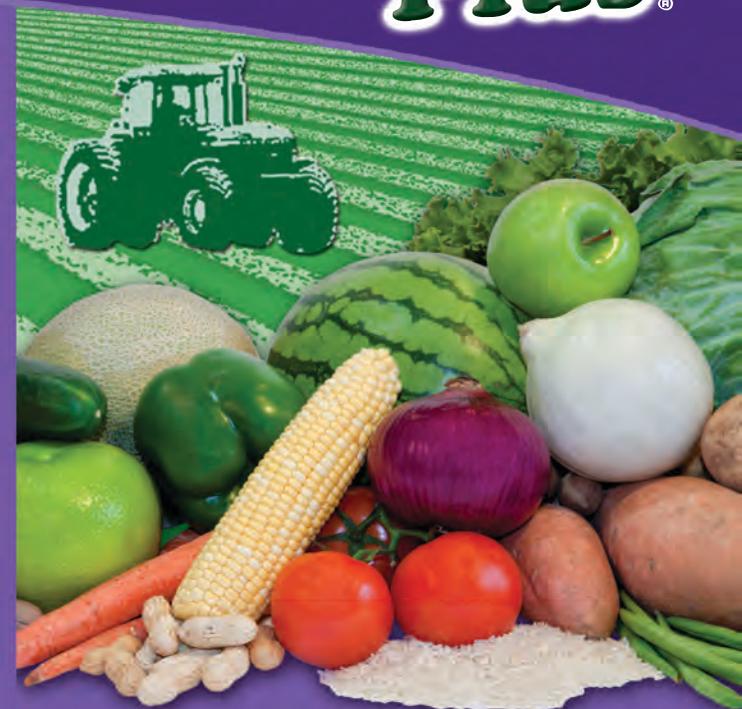
Magnesium Plus®

FUNCTION OF MAGNESIUM

Magnesium plays a vital role within chlorophyll, which is necessary in transforming energy from the sun into plant sugar (photosynthesis) and regulates the uptake of other plant food nutrients. Magnesium moves within growing plants. It is found throughout plants, although its greatest concentration is in chlorophyll. Seeds also contain a high concentration of magnesium.

COMMON METHODS OF USE

Magnesium Plus at 32 Oz/acre has consistently been applied as a foliar over many crops but especially field and sweet corn as well as other specialty vegetable crops. A foliar application works well any time there is chlorosis and discolorations in the foliage whether is be in younger or older leaves. This is why we included **Magnesium Plus** at 50% concentration in **DeltAg's MicroVite**.



BioTransport System®



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Magnesium Plus[®]



Chemistry... Not Fertilizer!

Aid Chlorophyll Levels



Magnesium Plus utilizes **DeltAg's** proprietary **BioTransport System**, which improves absorption and translocation of materials throughout the plant while acting as an aid to improving nutrient efficiency. The "Plus" indicates the presence of **DeltAg's BioTransport System**. **Magnesium Plus** has the ability to perform adequately at very low application rates as compared to other magnesium sources.

*BioTransport[®]
System*

Magnesium In Your Soil

Most soils contain ample to excessive magnesium. Because magnesium is abundant in the earth's crust, many soils naturally contain the element. There would appear to be plenty for most crops. However, magnesium deficiencies are often evident due to questionable availability, many times, weather related.

**"IT'S NOT WHAT YOU PUT OUT,
BUT WHAT GETS IN THE PLANT...."**

That Counts!"

Magnesium Plus & Your Crop

Hidden in the very center of every chlorophyll molecule is one atom of magnesium, a must for chlorophyll and photosynthesis.

Magnesium is absolutely essential in all plants in the production of chlorophyll, which is the 'greening' mechanism for producing crop growth from sunlight. Environmental conditions, especially cold and wet weather interfere with a plants ability to synthesize chlorophyll. The result is less vigor.

Seedling crops, especially early planted corn, become stressed in extremely cold weather. The crop becomes chlorotic. Leaves turn yellow and then purple, and crop growth and development slow down. In this situation **Magnesium Plus** is an excellent foliar source to aid recovery and get your crop 'Back on Track'.

Many growers and dealers have found **Magnesium Plus** to be very effective as an in-furrow or side-dress application when soil test levels for magnesium are less than desirable, pH is optimum, and dolomitic liming is not an option. At **DeltAg**, we consider this application as a "Crop Response" treatment.

*Magnesium Plus
provides the
"Green" Your
Plants Need*



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