

# NUE Magnesium 4%

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## Guaranteed Analysis (4-0-0)

**Total (N)..... 4%**

4% Nitrate Nitrogen

**Magnesium (Mg) ..... 4%**

Derived from: Magnesium Nitrate

## GENERAL INFORMATION

NUE Magnesium 4% is manufactured specifically as a liquid foliar fertilizer to be used to help prevent and correct magnesium deficiencies that may limit crop growth and yields. NUE Magnesium 4% is a supplement to an adequate and balanced soil fertility program.

It is important to monitor crop needs and responses by maintaining an adequate tissue-testing program. When unfamiliar with the effects of foliar applications of minerals it is recommended to perform small-scale field trials.

## DIRECTIONS FOR USE

### Mixing Directions

1. Be sure spray tank is thoroughly cleaned.
2. Fill 1/2 full with clean water and start agitation.
3. Add other nutrients if compatible.
4. Add NUE Magnesium 4% and continue agitation.
5. Adjust pH if necessary.
6. Add pesticides if compatible.
7. Fill tank and agitate thoroughly.

**Compatibility** - NUE Magnesium 4% is compatible with most pesticides.

For maximum nutritional results with tank mixes containing NUE Magnesium 4% adjust the final pH to 5.0 -7.0. Use NUE Cal-8 raise to pH of the final tank mix, if necessary. When tank mixing NUE Magnesium 4% with pesticides requiring specific pH ranges, always follow pesticide label directions.

Always check compatibility with a jar test before mixing with other fertilizers (i.e. phosphorus). If any precipitation occurs, it may be necessary to add a compatibility agent. Consult your Bio-Gro dealer for more information.

**Dilution and Spray Volumes** - Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets. It is recommended to use a dilution of at least 20 parts of water to 1 part of NUE Magnesium 4%.

## SUGGESTED APPLICATIONS

Optimum rate of application will vary between fields depending on soil and/or climatic conditions, stage of crop growth and size of plants.

Application rates are best determined by soil and plant analysis recommendations.

NUE Magnesium 4% can be used on many crops where foliar magnesium applications are commonly used. Consult your Bio-Gro dealer for specific recommendations.

## FOLIAR APPLICATION RATES

**Field Crops:** Apply 16 to 64 ounces/acre as a directed foliar spray during periods of rapid growth or nutritional demand once plants have reached 4-8 inches in height. NUE Magnesium 4% may be applied at 10 to 14 day intervals.

**Vegetable Crops:** Foliar rate is 16 to 64 ounces/acre. Apply NUE Magnesium 4% as needed throughout vegetative development and/or during rapid fruit growth.

**Tree and Vine Crops:** Apply 16 to 64 ounces/acre during growing season. Applications during veraison should be limited to 32 ounces /acre and used with appropriate adjuvant unless experience dictates otherwise. Repeat applications may be made in 10 to 21 day intervals.

**Berry Crops:** Apply 16 to 64 ounces/acre of NUE Magnesium 4% after active vegetative growth begins. Applications may be repeated in 7 to 14 day intervals.

**TIMING** - Application timing is likely the most important factor in determining the response and value of foliarly applied nutrients. Understanding the basic physiological functions of a crop is essential in planning proper nutrient timing.

## CONDITIONS OF SALE

Seller and/or manufacturer warrants only that this product consists of the ingredients specified on this label. No one is hereby authorized to make any warranty and/or guarantee concerning the use of this product. Being that the use, timing, placement, rate, application and other conditions are beyond the control of the seller and/or manufacturer, the seller's and/or manufacturer's liability for handling, storage and use of this product is limited to replacement of product or refund of purchase price.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>



# BioGro



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## Magnesium Sulfate, Natural Amino & Organic



### WARNING

H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.

### PRECAUTIONARY STATEMENTS

Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection. Wash skin thoroughly after handling.

**10.4 lbs/gallon @ 68° F (1.24 kg/liter)**

- Net Contents: 2 x 2.5 Gal (2 x 9.46 L)     Net Contents: 5 Gal (18.92 L)  
 Net Contents: 250 Gal (946 L)                     Net Contents: \_\_\_\_\_