

# CHB Magnesium 4%

Quality Concerns? Love our Product?  
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## Guaranteed Analysis

**Magnesium (Mg) .....4.0%**  
**Sulfur (S).....5.7%**

Derived from: Magnesium Sulfate

## GENERAL INFORMATION

CHB Magnesium 4% is produced in an exclusive base that may facilitate uptake and minimize tie-up of Magnesium in the soil. Magnesium is present in the chlorophyll molecule that enables plants to form sugars and starches from carbon dioxide. Several plant enzymes need magnesium to function.

CHB Magnesium 4% is a part of the Bio-Gro, Inc. CHB line of primary (N, P & K), secondary (Ca & Mg) and micronutrients (Zn, Mn, Cu, B & Fe) manufactured specifically as a liquid fertilizer to help prevent and correct nutrient deficiencies that may limit crop growth and yields. CHB Magnesium 4% is a supplement to an adequate and balanced soil fertility program. We recommend that you consider proper placement and application timing.

**When applying CHB Magnesium 4% on organically certified crops, soil deficiency must be first documented by testing.**

## DIRECTIONS FOR USE

**Compatibility** - CHB Magnesium 4% can be blended with various liquid fertilizers. Caution should be used when blending with phosphate fertilizers. Certain forms of phosphate are compatible with CHB Magnesium 4%. Always conduct a jar test if you are uncertain about compatibility or consult your Bio-Gro, Inc. dealer for more information.

**Mixing** - Shake, stir, or swirl contents before using.

**Applications** - CHB Magnesium 4% can be applied by ground equipment and through irrigation systems. Recommended soil applications include banding and broadcast. Recommended fertigation methods include water run, sprinkler and drip irrigation. When using high rates avoid direct contact with living plant material or ensure an adequate volume of water to dilute CHB Magnesium 4% on plant surface.

## 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 results from soil/plant analysis. For this reason we recommend that you contact your qualified Bio-Gro, Inc. product representative or agronomist with soil/plant analysis for evaluation.

### General Soil Applications for all crops:

**Maintenance** ..... 1 - 2 qts./acre  
**Moderate Deficiency** ..... 2 - 4 qts./acre  
**Severe Deficiency** ..... 1 - 3 gal./acre

### Fertigation

Apply the required amount of product in split applications one to two weeks apart throughout the growing season.

### Foliar

CHB Magnesium 5% can be applied as a foliar application on all crops at a rate of 1-2 quarts per acre during periods of rapid vegetative growth. Use adequate water to prevent tissue burn.

**"Approved material under Washington State  
Department of Agriculture organic food program"**



## 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>

## Magnesium Sulfate



### WARNING

H315: Causes skin irritation.  
H319: Causes serious eye irritation.

### PRECAUTIONARY STATEMENTS

Keep out of reach of children. Read label before use. Wear protective gloves/protective clothing/eye protection. Do not handle until all safety precautions have been read and understood. Do not taste or swallow.



Manufactured by:  
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**10.3 lbs/gallon @ 68° F (1.23 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: \_\_\_\_\_