



# CalPatible

## MANGANESE

For Soil Application Only

**8-0-0**

### Guaranteed Analysis

**Total Nitrogen (N)..... 8%**

8.0% Nitrate Nitrogen

**Manganese (Mn) ..... 15%**

Derived from: Manganese Nitrate

### GENERAL INFORMATION

CalPatible Manganese is calcium compatible. May be mixed with liquid calcium fertilizers such as calcium nitrate, calcium chloride and/ or calcium organic acid complexes.

CATS or Calcium Thiosulfate is not recommended to be mixed with CalPatible Manganese.

CalPatible Manganese 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. CalPatible Manganese is a supplement to an adequate and balanced soil fertility program. We recommend that you consider proper placement and application timing.

### DIRECTIONS FOR USE

**Compatibility** - CalPatible Manganese can be blended with various liquid fertilizers including liquid calcium products, except CATS, calcium thiosulfate. Caution should be used when blending with phosphate fertilizers. Certain forms of phosphate are compatible with CalPatible Manganese. 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** - CalPatible Manganese 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 CalPatible Manganese 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 - 2 gal./acre

### Fertigation

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

Quality Concerns? Love our Product? Use QR code to let us know



### 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

Manufactured by:  
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### Manganese Nitrate



### WARNING

H315: Cause skin irritation.  
H319: Causes serious eye irritation.  
H320: May be corrosive.

### 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.

**13.1 lbs/gallon @ 68° F (1.57 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: \_\_\_\_\_