

# Brandt® Bio-Master®

## Nutrient Solution

### Guaranteed Analysis

Magnesium (Mg).....	1.50%
1.5% Water soluble magnesium	
Sulfur (S).....	4.00%
4.0% Combined sulfur	
Boron (B).....	0.16%
0.16% Water soluble boron	
Iron (Fe).....	3.50%
0.5% Chelated iron	
3.0% Water soluble iron	
Manganese (Mn).....	0.75%
0.75% Water soluble manganese	
Molybdenum (Mo).....	0.003%
0.003% Water soluble molybdenum	
Zinc (Zn).....	0.75%
0.75% Water soluble zinc	

Derived from magnesium sulfate, sodium borate, iron EDTA, ferrous sulfate, manganese sulfate, sodium molybdate and zinc sulfate.

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### ALSO CONTAINS NONPLANT FOOD INGREDIENT:

0.5% Humic Acid derived from Leonardite

### Rate Recommendations

#### Foliar Application

**General (Ground):** 1-2 quarts per acre throughout the growing season as a maintenance program. At least 3 applications are recommended. More frequent applications at 1.5 quarts per acre may be needed to correct deficiencies once they occur.

**General (Aerial):** 1-1.5 quarts per acre. Multiple applications are recommended for best results.

**Citrus & Tree Crops:** Post bloom applications to the spring flush give best results. Apply 3-7 quarts per acre in sufficient water to assure thorough coverage. Additional 1-4 quarts per acre may be applied as needed.

**Transplants:** 1-2 quarts per 100 gallons of water and drench transplant thoroughly.

#### Soil Application

2-4 quarts per acre as a pre-plant or side-dress application.

**Net Contents: 2.5 gallons** (9.46 liters)

Density: 10.8 lb/gal @ 68°F

Net Weight: 26.7 lb (12.1 kg)

**Packaged: 2 x 2.5 gallons** (2 x 9.46 liters)

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2018-08

Optimum rate of application will vary depending on treatment interval, soil properties (such as pH, organic matter content, texture), weather conditions, time of year, plant species and its nutrient requirements. For best results, follow soil/tissue test recommendation.

### Mixing and Handling Instructions

Apply in a minimum of 10 gallons water per acre for ground spray equipment or 2 gallons water per acre for aerial application. May also be applied via drip or sprinkler fertigation.

Fill mix tank with half of required water volume and begin agitation. Add products in this order, mixing thoroughly after each addition: adjuvants, pesticides, then fertilizers. Fill tank with remainder of water and continue agitation until solution is completely mixed. Check chemical mixture compatibility using a jar test prior to application. Be cautious when mixing this product with phosphate solutions.

**ATTENTION:** This product contains boron; use on any crops other than those recommended may result in serious injury to the crops. The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.



**WARNING:** Causes serious eye irritation. Causes skin irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear eye/face protection and protective clothing/gloves. Do not breathe mist or vapor. Wash thoroughly after handling. **First Aid:** *If in eyes:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. *If on skin:* Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical attention. If exposed or concerned, get medical attention. **Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store locked up. Dispose of contents/container in accordance with local regulations.

**LIMITED WARRANTY:** Brandt Consolidated, Inc. ("BCI") warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. BCI and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, BCI and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

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