

# Brandt GH Manganese

## Complexed Trace Elements

### GENERAL INFORMATION

BRANDT GH products are glucoheptanate complexed micronutrient fertilizer solutions for use in balanced nutritional programs.

#### Foliar Application

Use 1-2 quarts of BRANDT GH MANGANESE per acre per application 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. Use a minimum of 10 gallons of water per acre with ground spray equipment. **Caution:** Manganese can have antagonistic effects on glyphosate herbicide formulations. When tank mixed with glyphosate, the addition of ammonium sulfate (AMS) or a compatibility aid may improve performance. Manganese compatibility issues may be reduced by using BRANDT INSURE, a water conditioner, specifically designed for use with glyphosate in combination with micronutrients.

#### Aerial Application

Use 2-3 pints of BRANDT GH MANGANESE per acre per application with at least 5 gallons of water. Multiple applications are recommended for best results.

#### Fertigation

BRANDT GH MANGANESE can be applied via drip or sprinkler irrigation at a rate of 2-4 quarts per acre. Do not apply phosphate based fertilizers or highly alkaline solutions during the same irrigation cycle.

#### Soil Application

Use 2-4 quarts of BRANDT GH MANGANESE per acre as a pre-plant or side-dress application.

*BRANDT GH MANGANESE may effectively be applied with many agricultural chemicals. For unfamiliar tank mix combinations sufficient evaluation to determine efficacy and crop safety may be warranted. Use a minimum 10 gallons of water per acre with ground spray equipment and a minimum of 5 gallons for aerial application. Optimum rate of application will vary depending on your soil properties such as soil pH, organic matter content, soil texture, weather conditions, time of year, general crop health and species. For best results, follow soil test or plant analysis recommendation.*

**Guaranteed By:**  
Brandt Consolidated, Inc.  
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800.300.6559

### Guaranteed Analysis

Manganese (Mn) .....5.0%  
5.0% Water Soluble Manganese (Mn)

Derived from Manganese Glucoheptanate.

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### Mixing Instructions

Put 1/3 to 2/3 of total desired water volume in tank. Add adjuvant(s) if desired and agitate until thoroughly mixed. Add pesticide(s) if desired and agitate until thoroughly mixed. Add desired amount of BRANDT GH MANGANESE and agitate until thoroughly mixed. Fill tank with remainder of desired water. A jar test is a good field practice for evaluating compatibility of multiple chemical mixtures. **Caution:** Avoid tank mixing with phosphate and/or excessively alkaline based fertilizer solutions.

**Weight per gallon: 10.5 lbs**

**Freezing temperature: 32°F**

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

**CAUTION:** Harmful if swallowed. Avoid contact with skin, eyes and clothing. Causes eye irritation. Avoid breathing spray mist. Wash hands thoroughly after using. In case of eye contact, flush eyes with water for at least 10 minutes and get medical attention.

**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry, locked area out of reach of children. Protect from excessive heat or cold. Triple rinse (or equivalent) and dispose of container in accordance with local, state and federal regulations.

Information concerning the raw materials composing the product in this container can be obtained by writing to Brandt Consolidated, Inc. and referring to the product name.

**Warranty:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.



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### Net Contents:

**2.5 Gal. per bottle**  
**Packaged 2 x 2.5 gal**  
**Net Weight: 26.25 lbs.**