



## BRANDT® SMART Mn

# Foliar Manganese Supplement

BRANDT SMART MN is a high performance foliar manganese nutrient supplement that gives growers a fast and effective way to apply in-season manganese. The formulation was specially designed to keep manganese soluble and available to the plant in a wide range of tank mix environments.

Manganese has a number of functions within the plant, particularly photosynthesis. When plants are deficient in manganese, photosynthesis is impaired and chlorophyll content may decrease which causes structural breakdown, as well as reduced dry matter production and yield; and weaker resistance to disease, drought and heat. Applying BRANDT Smart Mn during the growing season helps ensure that adequate levels of manganese are present.

### Key Benefits of BRANDT SMART MN

- Increased tank mix compatibility with post emergent herbicides, including glyphosate
- Recommended for use with all insecticides to promote disease resistance
- Increased manganese mobility within the plant and rapid nutrient delivery to plant growing points

### Agronomic Function of Manganese

- Manganese is critical to photosynthesis and natural defense system
- Assists the plant in herbicide metabolism

### Agronomic Function of Sulfur

- Essential to protein and enzyme synthesis within the plant

### Guaranteed Analysis

6-0-0

Total Nitrogen (N) .....	6.0%
6.0% Urea nitrogen	
Sulfur (S) .....	3.5%
3.5% Combined sulfur	
Manganese (Mn) .....	6.0%
6.0% Water soluble manganese	

Derived from urea and manganese sulfate.

### Rate Recommendations

#### Foliar Application

GROUND: Apply 1-2 quarts in a minimum of 10 gallons of water per acre and repeat as needed.

AERIAL: Apply 1-2 pints in a minimum of 5 gallons of water per acre and repeat as needed.

#### Soil Application

Use 1-3 quarts in a minimum of 10 gallons of water per acre. Not for use with starter fertilizer.

#### Cotton Trial: (lbs/ac)

VA 2015, 32 oz/ac

BRANDT Smart Mn *348.5 Advantage* 1248.0

Check 899.5

#### Soybean Trial: (bu/ac)

MS 2013, 32 oz/ac applied at V5, Fungicide applied at R3

BRANDT Smart Mn *3.8 Advantage* 75.9

Check 72.1

For more information about BRANDT SMART MN contact BRANDT at 800 300 6559 or [info@brandt.co](mailto:info@brandt.co)

Brandt Consolidated, Inc.  
[www.brandt.co](http://www.brandt.co)

