



## PRODUCT TECH SHEET

# MANGANESE (MN)

### Product Description

Monty's micronutrients are designed to supplement traditional nutrient management programs and to assist in addressing specific micronutrient deficiencies. Each formula is designed to overcome specific plant stresses associated with nutrient uptake. By applying these foliar or soil applied micronutrients you can address deficiencies rapidly to speed recovery and reduce yield drag.

### Application Benefits

- Essential for cell oxidation and sugar absorption
- Assists in chlorophyll production
- Affects lignin-building and is critical in preventing lodging/disease
- Accelerates germination and maturity, while increasing P and Ca
- Activates several important metabolic reactions and plays a direct role in photosynthesis by aiding chlorophyll synthesis
- Functions primarily as part of the enzyme systems in plants
- Also available with Iron (Fe)

### Active Ingredients

Manganese (Mn) (EDTA) .....6%  
 6% Chelated Manganese

### Directions For Use

- Can be used in-furrow, foliar, 2x2, and y-drop.
- Application guidelines for one growing season in the absence of a soil test: (mixed with a minimum of 15 gallons of water per acre).
- Foliar application: 1-2 pints.
- Soil application: 4-6 pints.
- Best if used with other Monty's products including starters, foliars, micronutrients, and biologicals. Ask your representative about specialized programs.
- See label for more detailed information.

### Physical and Chemical Properties

pH: 6.4-7.7 | Water solubility: Miscible in water  
 Specific gravity (H<sub>2</sub>O=1): 1.30 | Freezing Point: 3° F

Monty's products are recommended as supplements to your current farming practices and are not recommended to replace the nutrients typically added to the soil. We suggest taking a soil and/or tissue test, have a qualified independent lab analyze the samples to determine nutrient levels in your soils and plants, and then follow the recommendations of a qualified CCA, agronomist or dealer.

When tank mixing any Monty's product with other farm chemicals, always read and follow the label directions of the chemical(s) you are considering and administer a jar test and/or a strip test before adding Monty's to your tank mix. When mixing with other farm chemicals, tank mix Monty's only after diluting the chemical according to label directions. Knowing the chemical's "mode of action" (block photosynthesis) or metal content (copper based) will help determine the compatibility of Monty's.

FOR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.html>

For more information, consult your sales representative, visit [montysplantfood.com](http://montysplantfood.com), or contact Monty's at 800.978.6342.