

# At A Glance

## MANGANESE NITRATE 15%

### Description

Manganese Nitrate Solution can be used to correct (Mn) deficiencies in plants. Manganese Nitrate Solution is compatible with many liquid fertilizers, micro-nutrients, herbicides, pesticides, and water. Application through irrigation water or foliar sprays are common methods

### Handling & Storage

Always conduct a jar test with new tank mixes to verify compatibility.  
Store in a cool place out of direct sunlight. Location should be inaccessible to children, pets, domestic animals and/or wildlife.

### Symptoms of Manganese Deficiency

- Immobile in plants, new leaves show first
- Speckled interveinal chlorosis

### Functions of Manganese in Plants

- Key with Several enzyme reactions in (ATP)
- Help electron transportation involved with photosynthesis

### Availability

Bulk or IBCs



### Chemical & Physical Properties

CAS Number	10377-66-9
Salt-Out Temp	54.9°F (12.7°C)
Color	Pink
Odor	Slight nitric acid odor
Weight per Gallon	13.34 lbs./gal (1.60 kg/L)

### Typical Analysis

Total Nitrogen (N)	8.0%
8% - Nitrate Nitrogen	
Manganese (Mn)	15.0%
Derived from Manganese Nitrate	

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#### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
800 452 3107  
813 626 1181