

## AT A GLANCE

# MANGANESE NITRATE 14%

### 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.

### Function of Manganese in Plants

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

### Symptoms of Manganese Deficiency

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

### Availability

Bulk, IBCs, 35 gallon drums



### Chemical & Physical Properties

CAS Number	10377-66-9
Salt-Out Temperature	40.0°F (12.7°C)
Color	Pink
Odor	Slight nitric acid odor
Weight per Gallon @ 60F (15.5°C)	13.3 lbs./gal (1.50 kg/L)

### Typical Analysis

Total Nitrogen (N)	7.0%
7.0% Nitrate Nitrogen	
Manganese (Mn)	14.0%

The data presented herein are believed to be accurate but are in no way guaranteed. TradeMark Nitrogen Corp. makes no warranties, express or implied, that any of the above data is fit for any particular use and expressly disclaims all oral warranties of any kind.



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