

Manganese Nitrate

INTRODUCTION

Grow More MANGANESE NITRATE is rapidly and easily assimilated by both leaves and woody tissue, making it very effective in foliar sprays for prevention or correction of Manganese deficiencies on fruits, vegetables, vine and field crops.

Grow More MANGANESE NITRATE may be tank-mixed with pesticides, fungicides and provides acidifying action for spray tank water. One quart of Grow More MANGANESE NITRATE solution will lower starting water pH 7.4 to approximately pH 6.0.

Grow More MANGANESE NITRATE solution is compatible with other micronutrients and will actually enhance their uptake. Also compatible with other Nitrogen or Potassium fertilizers but not compatible with liquid Phosphates unless diluted. A jar test is recommended prior to full-scaled tank mixes.

EQUIPMENT

Diluted Sprays: Use minimum of 100 gallons of water per acre (908 Liters per HA)

Concentrates: Use minimum of 20 gallons of water per acre (183 Liters per HA)

Aircraft: Do not use without the application of non-ionic surfactant in minimum of 5 gallons of water per acre.

PRECAUTION

When using less than 50 gallons of water per acre (454 Liters per HA), a non-ionic surfactant is recommended to aid leaf surface coverage and absorption.

When using citrus spray oils of the 435 class, surfactants are not needed.

Do not use with liquid Phosphates unless a jar test is performed to determine compatibility.

SOLUTION Mn(NO₃)₂

GUARANTEED ANALYSIS

6-0-0

Total Nitrogen (N) ----- 6.0%

6.0% Nitrate Nitrogen

Manganese (Mn) ----- 12.0%

Derived from Manganese Nitrate.

Specifications:

Weight per Gallon 11.6 lbs/gal

Freezing Point -7°C

pH Range 1.5-1.8

CAUTION:

KEEP OUT OF REACH OF CHILDREN

DIRECTIONS

Field Crops: Use 1 pint per acre per application (1100 cc per HA) 3 to 4 applications may be necessary to correct severe deficiencies. These rates may be applied, but are not limited, to sorghum, corn, peanuts, cotton, alfalfa, millet, hops and sugar beet.

Vegetable Crops: Use 1/2 pint per acre in 50 to 100 gallons of water (550 cc in 454 to 908 Liters). These rates may be applied, but are not limited, to tomatoes, beans, watercress, lettuce, celery, radish, pepper, potato, melon and onion.

Fruits & Nut Crops:

Bearing Trees: Apply 1-2 pints per acre per application (1100-2180 cc per HA). Spring / Summer / Fall application benefit fast-growing plant tissues. Fall application helps move Manganese into plant prior to dormancy.

New Bearing Trees: Use 1 quart per 100 gallons of water, apply to wet run-off (910 cc per 30 Liters), apply every 6-8 weeks through the growing season.

Turf Grass Areas:

Use 1 to 2 pints per acre (1.1 to 2.1 Liters per HA) in sufficient water for full coverage spray.

Greens & Tees:

Use 1/2 ounce per 1,000 square feet (14 cc per 92 sq. meters).

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

Manufactured by:

GROW MORE®

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