

MANGANESE



Fertilgold® Mn ensures efficient and effective uptake of manganese, which is a micronutrient involved in many plant metabolic activities including photosynthesis, enzyme activity, and nutrient regulation.

PRODUCT FEATURES

- Derived From: Manganese Sulfate

BENEFITS OF MANGANESE

- Enzyme activator that aids in chlorophyll synthesis.
- Closely associated with the micronutrients Cu and Zn.
- Activates the lipid enzymes
- Essential for assimilation of carbon dioxide in photosynthesis
- Functions in the formation of riboflavin, ascorbic acid, and carotene

FOR BEST RESULTS

- Verify need by plant or soil analysis
- Shake well before use
- Perform jar test for compatibility
- Apply foliar sprays with uniform coverage
- Avoid foliar applications in concentrations greater than 5%
- Apply in the early morning or in the evening
- Avoid applying during the hottest time of the day

TECHNICAL SPECS	
Certifications	CDFA, OMRI, WSDA, ODA
Guaranteed Analysis	Manganese (Mn): 5.0% Sulfur (S): 3.0% Also Contains Non-Plant-Food Ingredient: 2.0% Organic Matter (derived from Leonardite)
pH	1.5–2.5
EC	9.46 mS/Cm2
Form	Liquid
Appearance	Slightly hazy amber color, having no characteristic odor.
Weight	9.71 lb/gal, 1.16 kg/L
Available Variants	2.5 gal, 275 gal

SUGGESTED APPLICATION RATES

Label Rates	MIN	MID	MAX
Soil (Field Crops)	32 oz/ac	64 oz/ac	128 oz/ac
Soil (Tree & Vine Crops)	64 oz/ac	1 gal/ac	2 gal/ac
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Foliar (Field Crops)	8 oz/ac	16 oz/ac	32 oz/ac
Foliar (Tree & Vine Crops)	16 oz/ac	32 oz/ac	64 oz/ac

