

Manganese Plus™ 0-0-0-5



Manganese Plus is a formulation of manganese and iron chelated with a proprietary combination of citric and fulvic organic acid chelates which stabilize micronutrient elements and enhance their uptake and translocation within the plant. Citrates are the natural chelating compounds found in plant tissue giving them very low phytotoxicity. Manganese is involved in the synthesis of chlorophyll, in oxidation-reduction reactions, and as a cofactor in various enzyme systems. The function of manganese is closely related to iron in plants. It is most commonly deficient in alkaline or highly leached sandy soils. Deficiency symptoms include interveinal chlorosis with veins remaining green, and distinct necrotic spots on leaves. Manganese Plus is designed for foliar application to correct and prevent manganese deficiencies on turfgrasses, ornamental plants and vegetable crops.

Benefits of Use

- Rapid response from foliar uptake
- Increased nutrient uptake from citric and fulvic acids
- Increased turf vigor

Problem Conditions Improved

- Manganese deficiency in alkaline or highly leached sandy soils
- Manganese deficiency symptoms including chlorosis

Guaranteed Analysis

Manganese (Mn)5.00%
5.00% Chelated Manganese
Iron (Fe).....0.50%
0.50% Chelated Iron
Combined Sulfur (S).....3.20%

Derived From

Manganese Sulfate, Ferrous Sulfate, Citric Acid.

This product contains a proprietary combination of citric and fulvic and organic acid chelates which stabilize micronutrients and enhance their plant uptake and translocation.

Physical Characteristics

11.0 lb./gal., pH 8.0

Application Instructions

Apply 3 oz. per 1000 sq. ft. of turf in 2.5 gal. of water, or 1 gal. per acre diluted in 50 gal. water (3 oz. Per 1000 sq. ft. supplies 0.01 lb. Mn per 1000 sq. ft.). This product should be used as a supplement to a regular fertility program. It will not by itself provide all the nutrients normally required by plants.

A pre-mix "Jar Test" is recommended to check compatibility of product combinations that have not been previously tested.

Shake well before using.

Container Sizes & Model Numbers		
2.5 gal.	Model	57201

Handling & Storage

Store between 40-95° F. Avoid direct heat or fire. Decomposition may occur at high temperatures (above 225° F). Avoid Freezing!

Keep out of reach of children. Harmful if swallowed. Avoid inhalation, eye contact, or ingestion. Avoid prolonged or repeated contact with skin which may cause irritation. Wash thoroughly after handling. Corrosive.