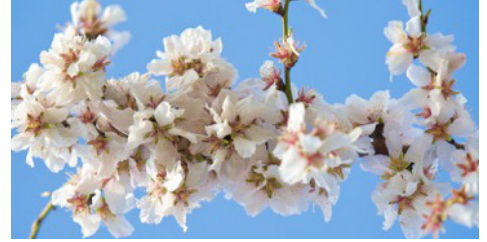


Manron® Soil

ADVANCED MANGANESE NUTRITION



Manron® Soil is a premium, soil-applied manganese product built with a proprietary blend of FBS Transit®, our patented technology along with various organic compounds that together help nutrients by-pass soil tie-ups by promoting the rapid uptake, absorption, and translocation of nutrients within the plant for lasting symptom correction. Manron Soil is designed to resolve manganese deficiencies in all crops including tree nuts, vineyards, fruit, vegetable, grain, and forage crops. Manganese is essential in helping the plant use both iron and zinc.

- Enhances Chlorophyll Density
- Plays A Significant Role with Photosynthesis
- Essential in Helping the Plant Use Both Iron & Zinc
- Especially Critical for Natural Disease Defense
- Improves Stress Resistance
- Counteracts the Tie-Up of Manganese Due to Excessive Glyphosate (Herbicide) & Phosphite (Fungicide) Use
- Improves Plant Health & Quality

Manron Soil Resolves Manganese Deficiencies



Manganese
Deficient Leaf



Healthy Leaves

Symptoms of Manganese Deficiency include:

- Interveinal Chlorosis of Young Leaves
- Veins Collapse Resembling a Herring Bone
- Leaves are Narrower
- Dropping Foliage
- Reduced Root Growth

Manron® Soil

TECHNICAL INFORMATION

The nutrient and organic compounds in Manron® Soil address manganese deficiencies commonly present in many soils.

Importance of Manganese in Plants

Manganese plays a key role in chlorophyll production. Because it is used to split the water molecule during Photosynthesis it is essential for plant health. Manganese also activates more enzymes than any other nutrient. It is especially important in the production of proteins that are part of the plant's natural defenses against disease.

Root Exudates are naturally produced by the plant in order to absorb soil minerals. Plants may have difficulties producing them under adverse conditions. However, the Manron Soil formulation not only assures the plants' ability to get full use of the manganese, it also allows the plant to absorb other minerals in the soil such as iron, calcium and potassium.

RECOMMENDATION & COMPATIBILITY

For applications on orchards and vineyards apply 1 to 8 quarts per acre any time during the growing season. Repeat as needed. For applications on all other crops apply 1 to 4 quarts per acre any time during the growing season. Repeat as needed.

Manron Soil is designed for soil application in advance of visual deficiencies and may not be as effective as a foliar application. Please note that Manron® Foliar is designed for foliar application throughout the growing season.

DO NOT mix with other products in concentrated form without first adding water. Recommended mixing sequence: water, adjuvants, pesticides, FBSciences nutrient products, other fertilizers, balance of water while agitating. When mixing with high phosphate fertilizers, add a citric acid buffer until the pH is 4.5 to 5.0 to improve compatibility and uptake. Ensure agitation is available when mixing with calcium fertilizers. A standard jar test is recommended before tank mixing.

See product label for complete Directions For Use.

GUARANTEED ANALYSIS

Sulfur (S)	3.0%
Manganese (Mn)	5.0%

Derived from: manganese sulfate.

Net Weight

10.6 lbs per Gallon @ 68° F

1.3 kgs per Liter @ 20° C

ESSENTIAL ON A WIDE VARIETY OF CROPS

