



Seaweed Supplements
 Soil Conditioners
 Soil Remediation
 Specialty NPK Blends
 Micronutrients
 Soil Moisture Management
 Combination Products
 Pond & Lake Management



Benefits of Use:

- Superior color without significant nitrogen
- Rapid response from foliar uptake
- Enhanced root uptake from organic acids
- Increased turf vigor
- Optimizes natural root development
- Reduced severity of take-all patch on newer bentgrass turf

Problems Addressed:

- Off-color or chlorotic turf due to iron deficiency
- Landscape situations that necessitate rapid color response.
- Chlorotic landscape ornamentals

Guaranteed Analysis:

Total Nitrogen (N).....	12.00%
12.00% Urea Nitrogen (N)	
Iron (Fe).....	6.03%
6.03% Chelated Iron (Fe)	
Manganese (Mn).....	2.00%
2.00% Chelated Manganese (Mn)	
Combined Sulfur (S).....	3.46%

Derived From:

Urea, Ferrous Citrate, Manganese Citrate.
 This product also contains organic acids and seaweed extracts.

Physical Characteristics:

11.46 lbs./gal. (1.38 lbs. N/gal. and
 0.69 lbs. Fe/gal.), pH 2.92

Container Sizes & Model Numbers:

2.5 Gallon Jug	Model #57198
30 Gallon Drum	Model #57199
275 Gallon Tote	Model #57205

Iron Plus Mn (12-0-0-6-2) with SeaXtra is a formulation of essential iron, manganese, sulfur, and nitrogen, enhanced with seaweed extracts. Iron and manganese deficiencies are some of the most common micronutrient deficiencies. Iron deficiency is often caused by insolubility rather than a lack of iron in the soil. Soil characteristics causing this condition include alkalinity, high organic matter, poor drainage, or high levels of P, Zn or As. Deficiency symptoms include interveinal chlorosis (yellowing) of young leaves turning white in advanced stages and resulting in thin, weak growth.

Manganese is important in the synthesis of chlorophyll and many other physiological functions. Its function is closely related to iron in plants. Manganese is most commonly deficient in alkaline or highly leached sandy soils. Deficiency symptoms include interveinal chlorosis with veins remaining green, distinct necrotic spots on leaves, and drooping leaves.

Iron Plus Mn is designed for foliar application to correct and prevent iron and manganese deficiencies in turfgrasses, trees, shrubs, and woody ornamentals. Iron Plus Mn also contains organic acids to keep each nutrient available longer in the soil for improved uptake.

Application Instructions:

Iron Plus Mn (12-0-0-6-2) can be applied through fertigation or foliar spray. It can be applied alone or tank mixed with other products. Shake well before using.

Greens and Tees:

Apply 3 to 6 oz. of Iron Plus Mn diluted in 1 gallon water per 1,000 sq. ft. (1 to 2 gallons in 40 gallons of water per acre) every two weeks. To maximize performance, rates may be split into weekly applications.

Fairways, Lawns, Athletic Fields and Other Turf:

Apply 6 to 12 oz. of Iron Plus Mn diluted in 1 gallon of water per 1,000 sq. ft. (2 to 4 gallons in 40 gallons of water per acre) per month. To maximize performance, rates may be split into weekly or bi-weekly applications.

Evergreens, Deciduous Shrubs, Trees & Palms:

Mix 1 gallon of Iron Plus Mn in 100 gallons of water and spray foliage to the point of runoff. Best results will occur when applied to actively growing foliage during periods of high humidity and low plant stress (early mornings, late afternoons and cloudy days are preferable to hot, dry conditions).

Note:

6 oz. of Iron Plus Mn per 1,000 sq. ft. per month will provide the monthly maintenance rate of SeaXtra Seaweed Extract. Higher application rates will provide additional SeaXtra benefits.

Compatibility:

Do not mix with high phosphate fertilizers. Perform a standard "jar test" to check compatibility with other products before mixing.

Caution:

Iron Sulfate will discolor surfaces such as tile, rock, masonry, etc. Avoid contact with these surfaces. If contact is made, immediately wash with large volumes of water.

Handling and Storage:

Store between 40°-120° F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Keep out of reach of children. Refer to product SDS for additional safety instructions.