



ORGANIC IRON 5% SUGAR-ACID CHELATE *With 2% SULFUR*

- **NON-STAINING**
- **FOR FOLIAR AND ROOT APPLICATIONS**

GUARANTEED ANALYSIS:

Sulfur (S) Combined 2%
 Iron (Fe) 5%
 5% Chelated Iron (Fe)

Derived From: Ferric Sulfate, Chelating Agent: Glucoheptonate
 Weight per gallon 10.6 lbs.
 Weight per litre 1.23 kg
 Each gallon contains 0.56 lbs Iron
 Each litre contains 0.067 kg Iron

PRODUCT DESCRIPTION:

Organic Iron 5% is a new ORGANIC CHELATE made from a Glucoheptonate chelating agent. Organic Iron 5% is formulated for year round application on all varieties of turf grasses. It can be used in early spring for soil injection of trees and ornamentals. Organic Iron 5% is excellent as a foliar spray on all plant materials that are showing iron deficiencies. These are naturally fermented sugar acids that form soluble molecules with mineral elements. Organic Iron 5% is a very stable chelate and is a perfect choice for higher pH soils where minor elements often become unavailable to the plant. In this soil condition, Organic Iron 5% will remain available longer than other types of chelates. Plants can become deficient in iron elements because of pH imbalances. Organic Iron 5% can prevent compound deficiencies in turf and many plant materials. University studies indicate that glucoheptonates are ideal for foliar applications and are more efficient than EDTA chelates in high pH soils.

APPLICATION RECOMMENDATIONS:

Turf Applications: Organic Iron 5% can be applied throughout the growing season on warm, transitional and cool season grasses. Apply 2 - 3 oz. per 1,000 sq. ft.

Tees & Greens: Apply on greens and tees 2 - 3 oz. / 1,000 sq. ft. with a spray unit applying at no less than one gallon per 1,000 sq. ft. Organic Iron 5% is an infinitely miscible solution and is compatible with most technical turf products. When mixing with other products, be sure to check their dilution rates. Always use a jar test before mixing.

TREES & ORNAMENTALS:

Soil Injection: This true chelated iron solution contains 5 units of iron needed for healthy plant growth. It is ideal for soil injection and is excellent as a foliar spray material to quickly correct iron deficiencies. For soil injection, inject no lower than 8 to 10 inches below ground level with correctly calibrated fertilizer injector equipment. Apply 4 oz. per inch of trunk DBH or as needed according to soil and tissue deficiencies. Refer to chart to deter-

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

- **EXCELLENT SOURCE OF SULFUR**
- **IDEAL FOR SOIL WITH pH OVER 7**

mine quantities of Organic Iron 5% to apply per acre. Each gallon of Organic Iron 5% contains 1/2 lb. Iron (0.56 lb.)

Foliar Application: Dilute 3 oz. Organic Iron 5% in 4 gallons of water. Spray to run off.

Bedding Plants & Perennials: Mix Organic Iron 5% at a rate of 3 oz. in 4 gallons of water and spray foliage to run off. Apply as needed throughout the growing season.

Evergreens: Pin Oaks, White Pines, Camellias, Azaleas and Rhododendrons apply foliarly at rate of 1 gallon in 200 gallons of water.

Trees, Shrubs & Ornamentals:	
Foliar Spray:	24 oz in 100 gallons of water (4-5 L in 400 L water)
	Corrective: 3 ounces per inch of trunk DBH in 2 gallons of water. Thoroughly drench soil around area (90 ml per 8 L water)
Soil Drench:	Maintenance: 2 oz per inch of trunk DBH in 2 gallons of water (60 ml per 8 L water)

STORAGE & HANDLING:

Storage: Organic Iron 5% can be stored in normal warehouse areas and are not affected by freezing temperatures. Organic Iron 5% has a pH of 8, is non corrosive and safe to handle.

Mixing: High quality buffers allow Organic Iron 5% to be blended with a wide variety of materials WITHOUT detrimental effects. DO NOT mix with highly acidic materials. The following mixing procedures should be used after Organic Iron 5% has been diluted with water. Add products to mix in this order: 1. wettable powders; 2. flowables; 3. water solubles; 4. surfactants; 5. emulsifiable concentrates. Be sure to agitate during each addition. Mix well. Apply all of mixture in one day.

Manufactured By:

