



12 Iron Glucoheptonate Chelate

**6% Iron, 2% Manganese
12-0-0, .25% Magnesium & 4% Sulfur**

Guaranteed Analysis

Total Nitrogen (N)	12.00%
12% Urea Nitrogen	
Magnesium (Mg)25%
Sulfur (S)	4.00%
Iron (Fe).....	6.00%
6.00% Chelated Iron (Fe)	
Manganese (Mn)	2.00%
2.00% Chelated Manganese (Mn)	

Derived from Urea, Magnesium Gluconate Chelate, Sulfur, Iron Gluconate Chelate, Manganese Gluconate Chelate

Green-T® 12 Iron is an Iron, Manganese and Magnesium gluconate chelate liquid that produces a deep green turf blade without excessive growth. The gluconate chelate protects the Iron, Manganese, and Magnesium from tying up in the soil, while allowing the micronutrients to be available to the plant. The results in turf response that is visible within 12 hours after application. **Green-T® 12 Iron's** "3:1 ratio" of Iron and Manganese promotes a "natural" deep green turf for an extended period of time. Iron and Manganese act as an enzyme that enhances photosynthetic and respiration systems. It assists chlorophyll synthesis and is used as a reaction catalyst. The urea nitrogen enhances the uptake of these secondary and micro nutrients within the plant.

The gluconate chelate of **Green-T® 12 Iron** prevents the micronutrient from binding with other nutrients such as phosphate. By keeping the iron available for an extended period of time, the results are a long-lasting, deep green plant.

- Weight per gallon: 11.6 lbs. (5.26 kg)
- Each gallon contains:
 - 1.38 lb Nitrogen
 - .03 lb Magnesium
 - .46 lb Sulfur
 - .69 lb Iron
 - .23 lb Manganese
- pH: 1.6

Directions for Use:

Greens, Tees and Fine Turf: Apply 2.0 - 4.0 oz. of **Green-T® 12 Iron** with 1.5 - 2 gallons of water per 1,000 sq. ft. (0.7 - 1.4 gallons of with 66 - 88 gallons of **Green-T® 12 Iron** water per Acre) to ensure thorough coverage. Applications should be made in the early or late daylight hours. Apply every 2 weeks or as needed throughout the growing season. (Avoid spraying in periods of low humidity or when turf is under severe stress.)

Fairways, Roughs, Sports Turf and Lawns: Apply 0.7 - 2.0 gallons of **Green-T® 12 Iron** with 44 - 88 gallons of water per Acre. (2.0 - 6.0 oz. of **Green-T® 12 Iron** with 1 - 2 gallons of water per 1,000 sq. ft.) to ensure thorough coverage. Apply every 3 to 4 weeks or as needed throughout the growing season.

Manganese Deficiencies: 4 gallons of **Green-T® 12 Iron** supplies .96 lb. of Manganese.

Trees and Ornamentals: Mix 2 - 4 quarts of **Green-T® 12 Iron** per 100 gallons of water, spray until light runoff. Foliar feeding will help correct deficiencies that occur through the growing season. Do not foliar feed when temperatures exceed 80° F, or in drought conditions. Best results will occur when applied to actively growing foliage during periods of high humidity and low plant stress. (Early morning, late afternoon, or cloudy days are preferable to hot, dry conditions). Two to four applications at monthly intervals will help maintain plant color and vigor during active growing season.

Compatibility: **Green-T® 12 Iron** is tank mix compatible with many different fungicides, growth regulators, herbicides and other Plant Food liquid fertilizers. (Always perform a jar test to confirm compatibility with other products).

Attention: Avoid application to painted surfaces as discoloration may occur.

Application Rates for Green-T® 12 Iron								
Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 100 M ²	L/HA Litre/ Hectare	Nitrogen/ 1,000 sq. ft.	Magnesium/ 1,000 sq. ft.	Sulfur/ 1,000 sq. ft.	Iron/ 1,000 sq. ft.	Manganese/ 1,000 sq. ft.
2.0	0.7	64	6	0.02	0.0004	0.0072	0.0108	0.0036
3.0	1.0	95	10	0.03	0.0007	0.0108	0.0162	0.0054
4.0	1.4	127	13	0.04	0.0009	0.0144	0.0216	0.0072
6.0	2.0	191	20	0.07	0.0013	0.0216	0.0324	0.0108

Available Container Sizes:

- 2 x 2.5 gal (2 x 9.46 L) Case
- 30 gal (113.56 L) Drum
- 55 gal (208.20 L) Drum
- 275 gal (1040.99 L) Tote

Store above 32° F. Do not allow to freeze.

1200SI

38 Hightstown-Cranbury Station Road ■ Cranbury, NJ 08512 ■ 800.562.1291 ■ pfc@plantfoodco.com ■ www.plantfoodco.com

