

Iron Plus®

Low Rates - High Response



SOIL/FOLIAR MICRO-NUTRIENT

GUARANTEED ANALYSIS 0-0-0

Iron (Fe) 5.00%
5.00% Water Soluble Iron (Fe)

Derived from Iron Sulfate
Weight per gallon: 9.66 lb at 68° F
Grams per liter: 1158 g at 20° C

GENERAL INFORMATION:

Iron Plus is designed as a source of iron to treat or prevent deficiencies for all field, row, vegetable, fruit, tree, vine, ornamental and turf crops.

APPLICATION RATES:

Soil: 24 to 32 Oz/acre.

Foliar: 16 Oz/acre.
Apply weekly as needed.

Drip Irrigation: 0.10 Oz/1,000 sq ft weekly.

Injection (1:100): 1 Oz/gallon weekly (78 ppm).

Pump-Up Sprayer: 2 Oz/gallon of water.
Spray light mist over foliage from 3 feet away. Apply weekly as needed.

COMPATIBILITY: This product is compatible with most commonly used pesticides. However, it is advisable to always check for compatibility.

NOTE: Always follow label directions and precautionary statements on pesticide label.

*For More Information Please Contact **DeltAg**.

Iron Plus®

FUNCTION OF IRON

Iron functions as a component in many plant enzyme systems and is essential in maintaining chlorophyll levels for plant growth and reproduction. Iron also plays a vital role in plant cells as in producing enzymes, respiration, nitrogen fixation, and transfer of energy.

COMMON METHODS OF USE

Iron Plus has been utilized in the turf industry as far back as the early 1990's to help improve the cosmetic effect of yards and golf courses. However, in more recent years, there are areas of certain red or brown silt loam soils that are showing iron deficiencies in crops like soybeans, peanuts, wheat and even in orchards and vegetable crops. At **DeltAg**, we have no explanation for the "why". We can only say that we have been treating these visual symptoms with great success.

Iron Plus®



BioTransport System®



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Iron Plus®



Chemistry... Not Fertilizer!

Green Up Your Crops!



Iron Plus utilizes *DeltAg's* proprietary *BioTransport System*, which improves absorption and translocation of materials throughout the plant while acting as an aid to improving nutrient efficiency. The "Plus" indicates the presence of *DeltAg's BioTransport System*. *Iron Plus* has the ability to perform adequately at very low application rates as compared to other iron sources.

BioTransport System

More About Iron

In reality, most soils have ample iron for good plant growth. The problem is that in many cases this soil residual iron is not readily available for plant metabolism. This can be due to common practices like pesticide applications, traffic compaction and heavy watering that create a stressful environment.

Iron Plus is a Fast Acting Micronutrient

What is *Iron Plus*?

DeltAg Iron Plus is formulated, not only to provide iron for healthy plant growth, but also to enhance the plants ability to take advantage or to help *unlock* the residual iron that has built up in your soils over many years of applications.

Iron Plus is formulated with iron and sulfate-sulfur in combination with *DeltAg's BioTransport System*. We have turf growers that use *Iron Plus* to maintain high iron levels. While this has a great cosmetic effect, the best long term practice is to maintain a well aerated soil and a well developed and active root system.

Iron is an essential micronutrient in plant chemistry and functions in the reduction or metabolism of both nitrates and sulfates, while also playing a major role in chlorophyll production and enzyme synthesis. Because of these related functions iron is known in many circles as the "**Green Machine**".

Many growers in Commercial environments feel that iron should be applied when a greening effect is desired. The result of routine iron applications is a build up of residual and unavailable iron.

Iron Plus Provides Healthy Plant Growth



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**"IT'S NOT WHAT YOU PUT OUT,
BUT WHAT GETS IN THE PLANT....
That Counts!"**