



BIG IRON

3% S, 5.5% Fe

PRODUCT DESCRIPTION

Hydro Bullet™ Big Iron liquid fertilizer is a unique, patent-pending iron delivery system. Its low molecular weight acid complexing agent ensures iron is more available for rapid uptake than traditional chelates.

Essential in chlorophyll formation, iron is frequently deficient in:

- High pH soils
- Waterlogged soils
- Conditions of high stress
- High-yielding cropping systems

Iron deficiency chlorosis causes reduced vegetative growth, a decrease in plant quality and yield loss. With an ideal pH for nutrient uptake in the leaf, Big Iron promotes a greener and higher-yielding crop.

PRODUCT BENEFITS

- Highly efficient iron source
- Compatible with most post-emergent applied herbicides, fungicides, insecticides, PGRs and other fertilizers
- The only product available containing our low molecular weight acid complexing agent
- Complexing agent supports foliar uptake more effectively than traditional chelates
- Ideal pH for nutrient uptake in the leaf
- Adjuvant package ensures the iron stays in solution and can penetrate the leaf

Guaranteed Analysis

Sulfur (S) 3% Combined Sulfur	3.00%
Iron (Fe) 5.5% Water-Soluble Iron	5.50%

Derived from: Iron Sulfate and complexed with low molecular weight acids

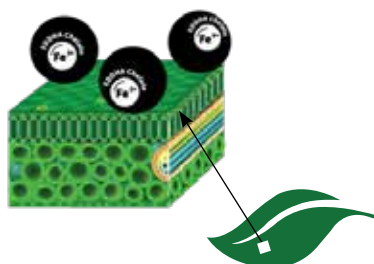


BIG IRON

PRODUCT CHEMISTRY COMPARISONS

Iron EDDHA

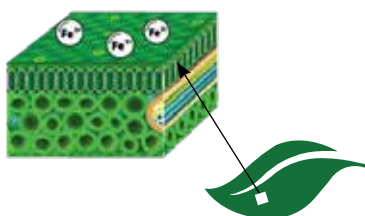
High molecular weight EDDHA bond limits foliar iron uptake



- High molecular weight
- Poor foliar performance
- Expensive

Iron Sulfate

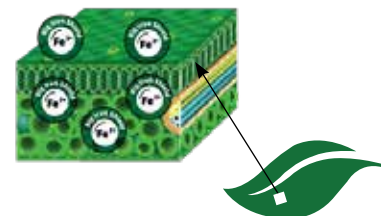
The strong ionic nature of Fe^{2+} can precipitate other chemistries in the tank and reduce uptake through the leaf



- Not compatible with many tank mixes
- Can be corrosive

Big Iron

Big Iron shield protects the Fe^{2+} cation with low molecular weight acids, ensuring optimal uptake



- Unique, proprietary complex with low molecular weight acids
- Smaller complex that is more available
- Acidic pH for ideal leaf cuticle penetration

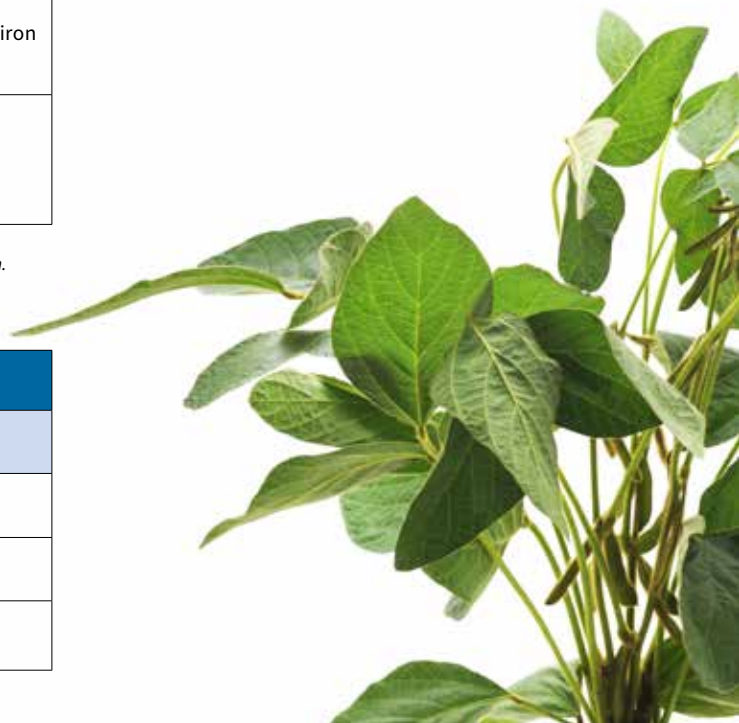
Application Rates

All non-tree crops	Apply foliar at 1-2 qt/ac with first post-emergent herbicide application or any time during vegetative growth for iron deficiency management
All tree crops	Apply foliar at 2-4 qt/ac

Note: Shake well and agitate when adding to the spray tank. May be applied in-furrow* or through fertigation.
*Please complete a jar test before mixing with starter fertilizer.

Physical and Chemical Parameters

SPECIFICATION	AMOUNT
Density	10.8 lb/gal
pH	3
Appearance	Brownish-green liquid solution



HydroBulletNutrition.com | 800-551-8216

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