



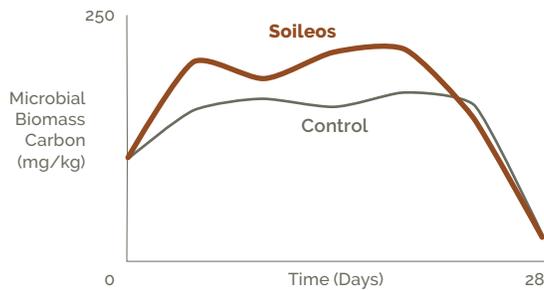
Soileos Iron is a soil-applied micronutrient that enhances yields, increases crop quality, improves iron availability, resists tie-up and leaching, and increases microbial biomass.

Why Soileos Iron?

Lucent Bio's patented process binds micronutrients to cellulose fibers and imparts a novel mode of action that differs from conventional micronutrient products like sulfate salts or chelates.

Bioavailable Iron plays an essential role in:

- The formation of chlorophyll.
- Enzymes and metabolic functions, including microbe fixation of nitrogen.
- Preventing iron deficiency chlorosis (IDC) resulting in stunted plants with yellow leaves.



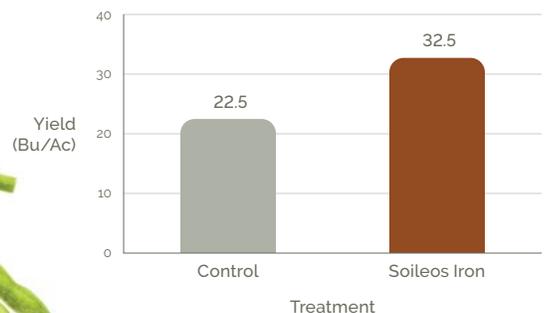
Soil Health

Soileos uses nature to help nature. Studies with Soileos show that it improves soil health by increasing the microbial biomass in the soil by over 20%. The carbon in Soileos is fuel for your soil microbiome. As the cellulose is broken down, nutrients are released or ingested by microbes. The nutrients cycle through this natural process in a way that plants can access them throughout the growing season resulting in increased nutrient uptake and yield response.

Proven Agronomic Performance

Soileos Iron can be used on many different crops. Trials have shown a great response with broad acre crops such as corn, soybeans, and wheat. Ask our team for detailed trial results for your crop and region.

Graph: Soybeans 2021, Ontario



Soileos Iron



GUARANTEED ANALYSIS	
Iron	4%
Sulfur	4%
Potassium	7%
Cellulose Fiber	60%

Efficiency

Soileos Iron is an excellent source of iron for any fertility plan. Rates for Soileos Iron can be based on at least a 2x efficiency factor compared to sulfate.

Ease of Use

The Soileos pellet is durable and easy to handle. The material does not break down with shipping or blending with other dry fertilizer, so there is very little dust when the material is moved from bin to bin. Farms and retailers have shared the following feedback:

“The product is nice to work with, flows well and meters out at an accurate rate.”

— Ryan T., Marquette, MB

“Did not bridge in the tank. Flows good. Not dusty.”

— Birg Farms, Wilcox, SK

Packaging Size

2,000 lb. totes or bulk delivery (see photo).

Field Application

Soileos Iron is designed to work with existing fertilizer blending and field equipment. The pellet blends with other dry fertilizer and can be placed with air-seeders, strip-till, and side banding.

Blending

When handled, the product has low dust and the right density and durability to blend with standard dry fertilizer products without separation, settling or breaking down.

Application Timing

Apply at or pre-plant with other dry fertilizer.



Call or email to see if Soileos is a good fit for your operation. Ask about our performance guarantees. Contact bryan@lucentbio.com or 778-726-9544. To learn more about Soileos, visit www.soileos.com.

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