



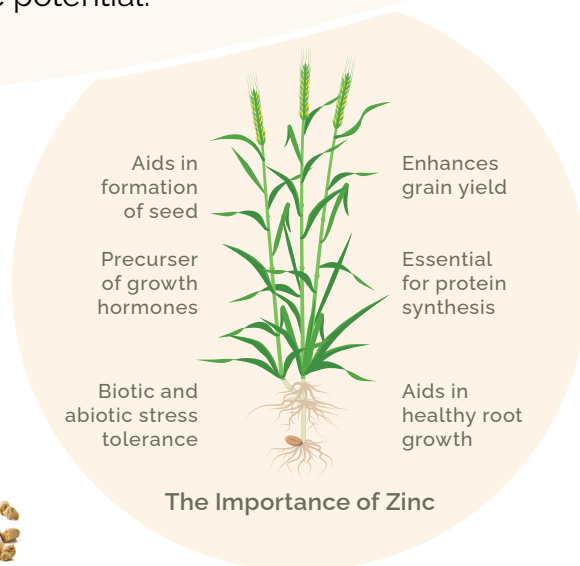
Soileos
Bioactive Crop Nutrition

Zinc

Soileos Zinc by Lucent Bio is a soil-applied crop nutrition product that enhances yields, crop resilience, and soil health with on-time nutrient delivery and sustained bioavailability, allowing the crop to maximize its genetic potential.

Unlock your farm's potential with Soileos Zinc

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

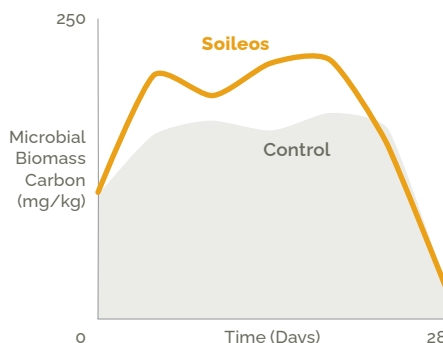


Guaranteed Analysis: 0-0-11 4S 9Zn

Bulk density = 700 kg/m³ | Size guide number = 300

Soil Health

Nutrients delivered from Soileos work with the natural soil microbiology. Studies show Soileos improves soil health by increasing the microbial biomass in the soil by over 20%. Soileos is rich in carbon (C:N = 20:1); as it is broken down, microbes mineralize the nutrients within and supply them in a plant-available form all season long, resulting in increased nutrient uptake and yield response.

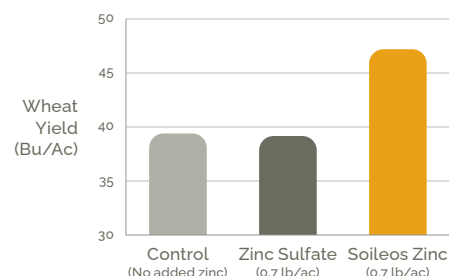
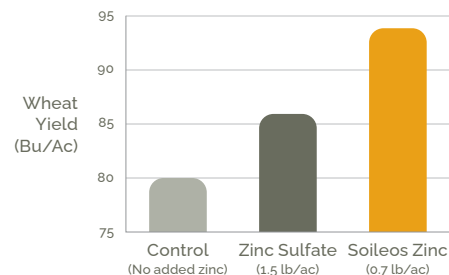


“The product is nice to work with, flows well and meters out at an accurate rate.”

— Ryan T., Marquette, MB

Real Results, Real Benefits

Soileos Zinc can be used on many different crops. Trials have shown a great response with broad acre crops such as corn, soybeans, and wheat. Check out soileos.com/trialdata or ask our team for detailed trial results for your crop and region.



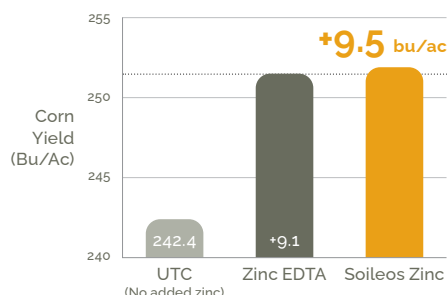
Science Driven, Field Proven, Bio Activated

Proven Agronomic Performance

CASE STUDY: SANBORN, IA – CORN 2022

This site was fertilized with 1 lb of actual zinc from Soileos Zinc and zinc EDTA. Both zinc treatments increased yield compared to the control. However, Soileos was able to perform at less than half the cost of EDTA.

YIELD RESULTS



SOIL DATA

PARAMETER	VALUE
pH	6.5
OM	5.3%
CEC	24.5 meq
Zn (DTPA)	0.7 ppm

Efficiency

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

2x

EFFICIENCY FACTOR

Low Salt

High salt concentrations near seeds can cause plant desiccation. Zinc sulphate has a high salt index (80+), while Soileos has a low salt index (22.04) and low burn risk. Soileos' mode of action reduces toxicity risk. Even 10x recommended application rates don't cause phytotoxicity, allowing for in-furrow application near seeds.

Ease of Use

The Soileos pellet is durable. The material does not break down with shipping or blending with other dry fertilizer.

Field Application

Soileos Zinc is designed to blend well with other dry fertilizers and can be applied using existing field equipment such as air-seeders and strip-till rigs. Due to the low salt index, Soileos can be placed directly in the seed row.

Blending

When handled, the product has low dust and a high pellet durability index (PDI) of 95+, so it easily blends with standard dry fertilizer products without separation, settling, or breaking down.

Application Timing

Apply at or pre-plant with other dry fertilizer.

Packaging Size

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



Find out how Soileos is a good fit for your operation, and ask about our performance guarantees. Visit www.Soileos.com Call 1-855-SOILEOS