



The Proven Platform in Plant Nutrition

BENEFITS

- ***Critical phosphorus and zinc for early season growth and development***
- ***Enhanced nutrient availability and uptake***
- ***Acetate technology to drive root growth***
- ***Low salt, seed-safe formulation***

An Enhanced Starter Fertilizer with Proven Fertilizer Efficiency Technology

LEVITATE™ (5-15-5 1.5 Zn) is a Loveland Products proprietary starter fertilizer formulated with a blend of proven fertilizer biocatalyst – **Accomplish® LM** – as well as **ACA® technology**, fulvic acids and EDTA chelated zinc. For starter fertilizer users, LEVITATE™ is the only starter on the market combining all three fertilizer efficiency technologies to increase nutrient availability and uptake – because growers know the only nutrition that matters is what gets in your crop.



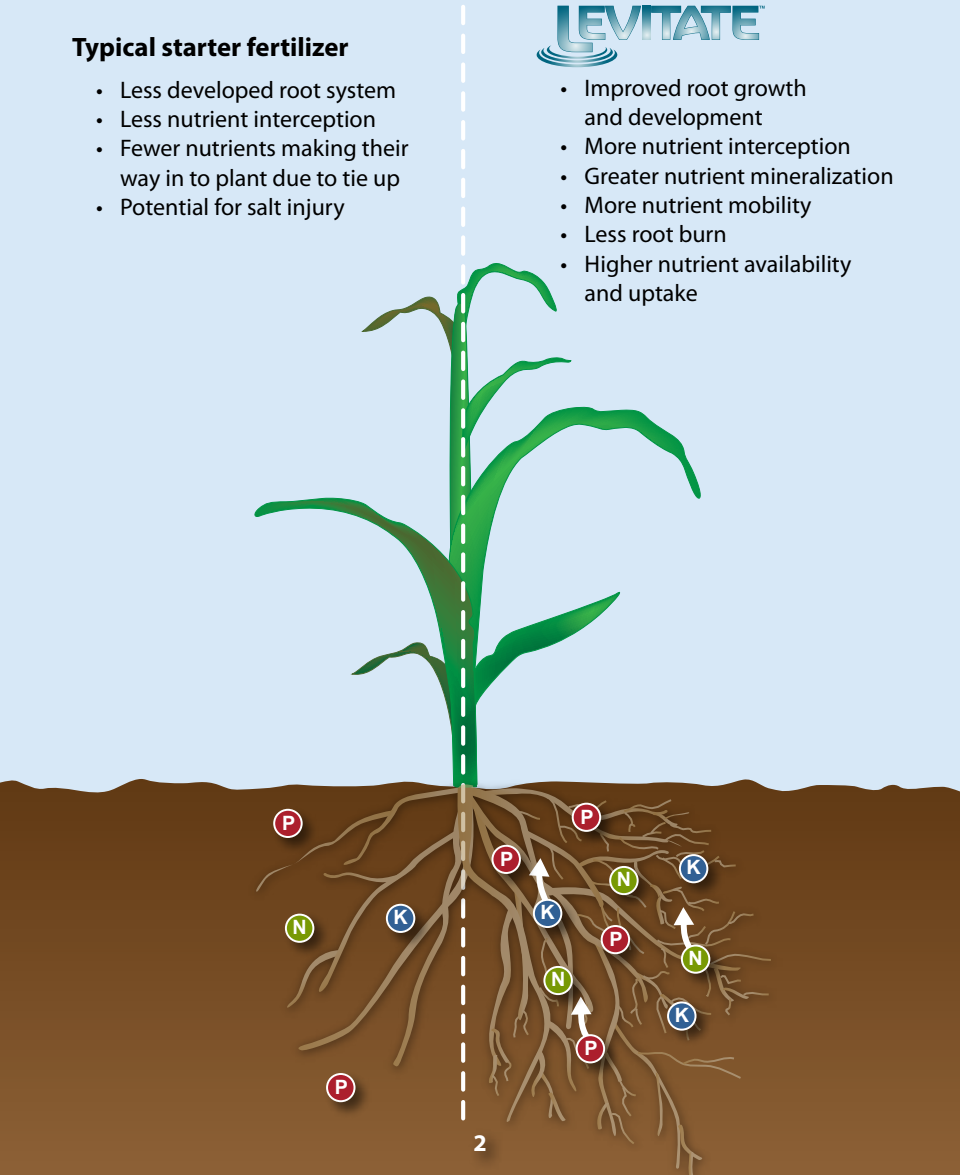
Typical Starter Fertilizer vs. Levitate Technology

Typical starter fertilizer

- Less developed root system
- Less nutrient interception
- Fewer nutrients making their way in to plant due to tie up
- Potential for salt injury



- Improved root growth and development
- More nutrient interception
- Greater nutrient mineralization
- More nutrient mobility
- Less root burn
- Higher nutrient availability and uptake



Flexible and Easy to Use

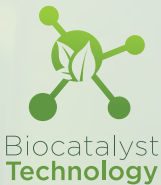
LEVITATE™ is the only product on the market that combines three fertilizer efficiency technologies in one to ensure that the nutrition a seedling needs actually gets into the crop.

ACA Technology



ACA technology is a formulation of zinc and ammonium acetate that increases soluble phosphate in the application zone, promotes shoot and root growth through cell enlargement and division, and improves nutrient uptake through increased root mass.

Fertilizer Biocatalyst Technology



Accomplish LM is a biocatalyst that increases fertilizer availability, promotes nutrient mineralization to increase existing nutrient availability, and supports root growth through biochemical reactions with the plant.

Fulvic Acid Technology

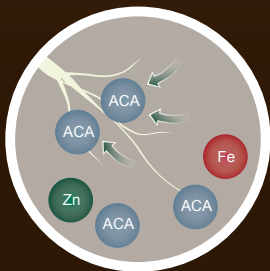
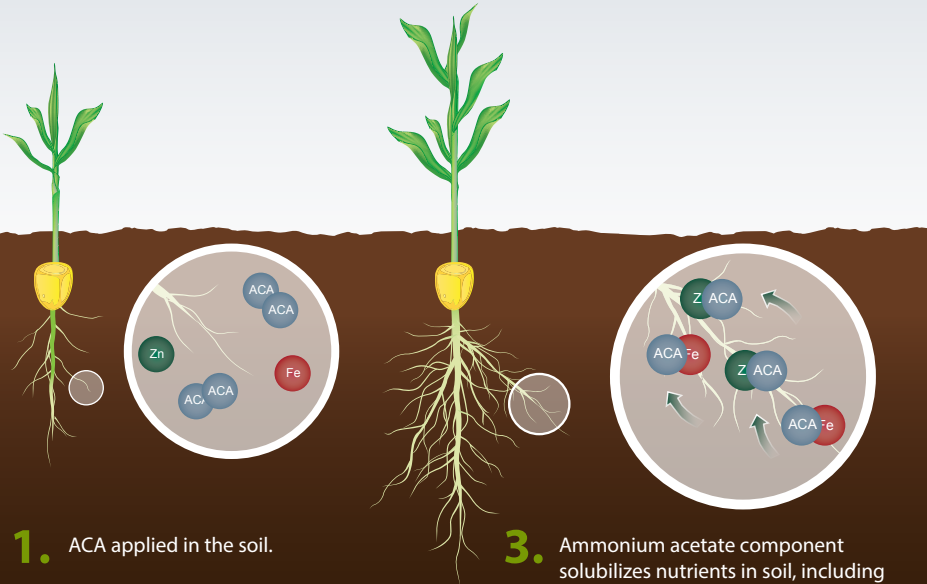


Fulvic acid enhances nutrient uptake through chelation and sequestration activity and helps protect phosphate from tie up in soil. Fulvic acid also temporarily increases CEC in the application zone, which helps buffer pH issues and enhances access to applied soil nutrition.

How It Works - ACA Technology

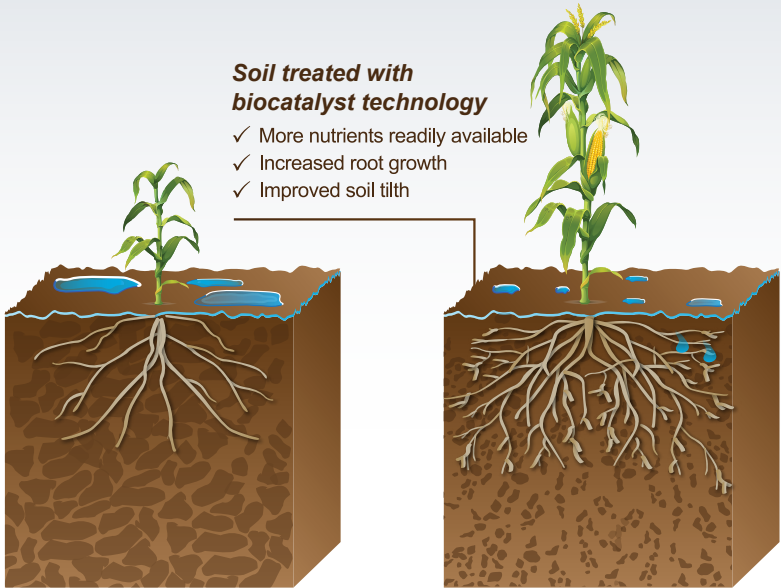


- Enhances nutrient efficiency through increased interception
- Increases root hair and shoot growth
- Promotes nutrient solubilization



- 2.** Zinc component of ACA enters plant and converts to auxin, stimulating root hair growth

How It Works – Biocatalyst Technology



1 Biocatalyst Applied to Soil

2 Nutrient Mineralization

3 Nutrients “Unlocked”



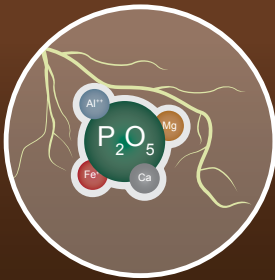
- **Enhances nutrient use efficiency of existing soil nutrition**
- **Improves nutrient mineralization**
- **Increased water use efficiency through salt mediation**

How It Works - Fulvic Acid Technology



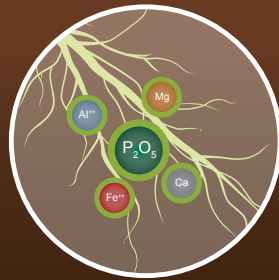
- Enhances nutrient use efficiency of applied nutrition
- Reduced stress from salt in fertilizer
- Chelation and sequestering of soil compounds that bind nutrients in the soil

1.



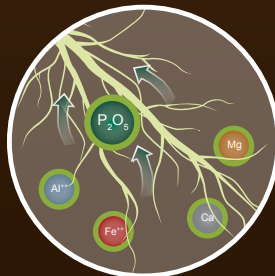
Phosphate bound in soil through tie up with cations is unavailable for the plant.

2.



Fulvic acid's high cation exchange capacity (CEC) sequesters soil cations, limiting their ability to bind to phosphate.

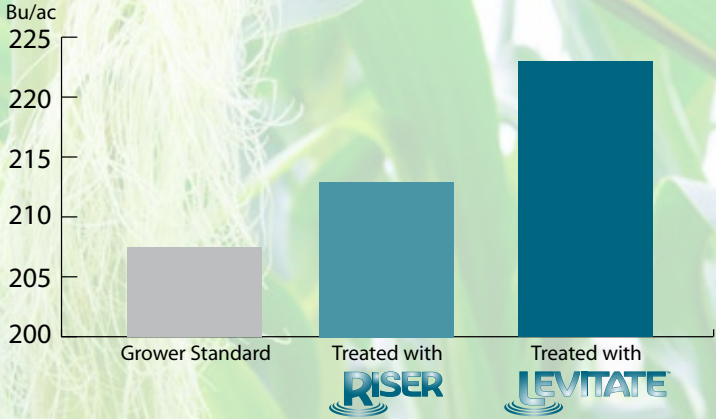
3.



More phosphate remains in an available form, able to be taken up by the plant

Corn Evaluations – 30 Sites (2015)

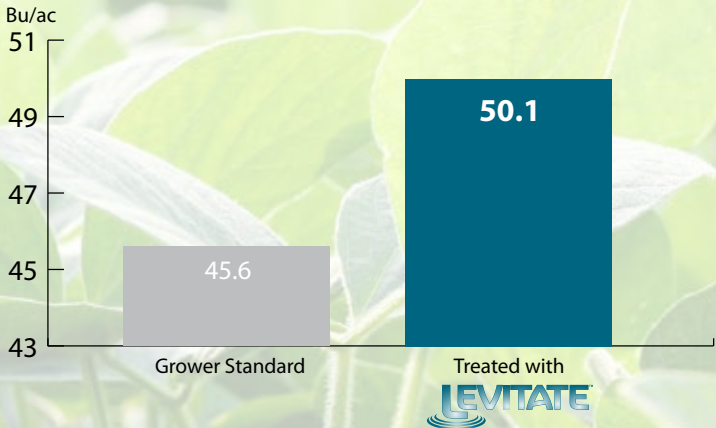
RiseR applied at 2.5 gals/acre and Levitate applied at 2-3 gals/acre



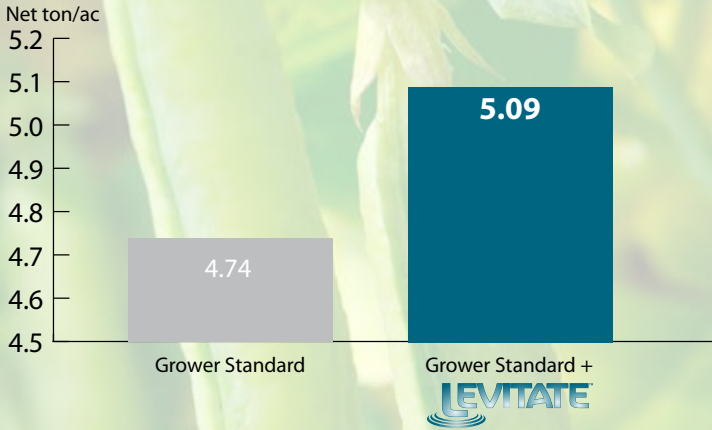
2015 data collected from over 30 evaluation sites across the corn belt.

Soybean In-Furrow Evaluations – 17 Comparisons (2015)

Levitate applied at 1 gal/acre in furrow at planting



Snap Beans –3 Replications (2015)
Levitate applied at 2-4 qts/acre at sidedress timing



To learn more about the technology behind the performance, follow the link or scan the QR code:
<http://www.lovelandproducts.com/product/levitate>





At a Glance

Application	<ul style="list-style-type: none">• Soil-applied starter fertilizer with foliar flexibility
Key Ingredients	<ul style="list-style-type: none">• Highly available phosphate and critical zinc
Key Features	<ul style="list-style-type: none">• 5-15-5, with 1.5% EDTA chelated zinc and fertilizer efficiency technologies:<ul style="list-style-type: none">– ACA– Fertilizer Biocatalyst– Fulvic acid

Uses and Rates

Crop	Soil Applied Rate	Foliar Applied Rate
Cereal Grains (Corn, Wheat, Grain Sorghum)	1-5 gal/acre in-furrow or 2x2	2-4 qts/acre
Legume Vegetables (Dry Beans, Edible Beans, Soybeans)	2-4 qts/acre	1-4 qts/acre
Root and Tuber Vegetables (Potatoes, Sugarbeets)	2-3 gals/acre	1 gal/acre

See product label for information on additional crops and for specific details on uses and rates.

Complimentary Products to Levitate

The logo for NutriSync, featuring the word "NutriSync" in a green, sans-serif font with a slight shadow effect.

A foliar technology designed to enhance plant physiological activities and growth of various crops. NutriSync® mobilizes nutrients to areas of peak demand within the plant so that they can be efficiently utilized to fulfill the plant's nutritional demands.

The logo for Radiate, featuring the word "Radiate" in a stylized, cursive font with a yellow outline and a green shadow.

A patented formulation of IBA and kinetin, in optimized ratios, to enhance early season vigor and drive maximum root growth. The proven technology in Radiate® provides growers with consistent performance across a wide variety of crops.

The logo for SNIPER LFR, featuring the word "SNIPER" in a bold, blue, sans-serif font, "LFR" in a smaller, blue, sans-serif font below it, and a target symbol to the right.

An insecticide* applied at planting, Sniper® provides a zone of protection that controls pests before seed or seedling damage ever takes place.

Contact Your Nutrien Ag Solutions Retailer

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Levitata is a trademark and ACA, Accomplish, NutriSync, Sniper, Radiate and Riser are registered trademarks of Loveland Products, Inc. Always read and follow label directions. State registration for Levitata is pending in CA.

**Sniper is a restricted use pesticide.*

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