



TECHNICAL REPORT

Improving Corn Yields



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GALACTEK® is an ultra-low use rate stimulant based on a proprietary blend of low molecular weight organic acids. GALACTEK enhances nutrient availability and moisture retention in soil, improving root development, nutrient uptake and plant health, helping crops thrive under stressful conditions to maximize yield potential.

PRODUCT HIGHLIGHTS

- Increases nutrient availability and retention of moisture in soil.
- Improves root development, stress tolerance, and nutrient uptake.
- Promotes soil health and a beneficial microbiome.
- Apply soil or foliar applications in various crops at ultra-low rates.

Trial Data

In trials conducted in western New York, GALACTEK was shown to perform well with starter fertilizer in-furrow or with Y-drop fertilizer at stage V5.

GALACTEK showed potential to improve yields consistently by 3–4 bu/A in high yielding fields (200+ bu/A). GALACTEK showed stronger yields in adverse conditions such as poorer soils, under drought, or fluctuating soil temperature.

GENESEE COUNTY

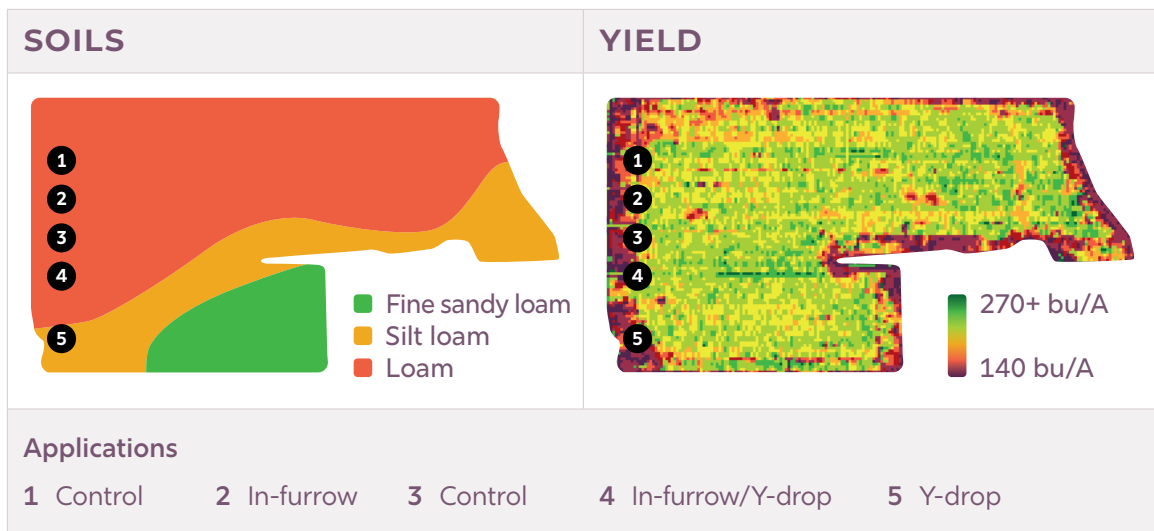
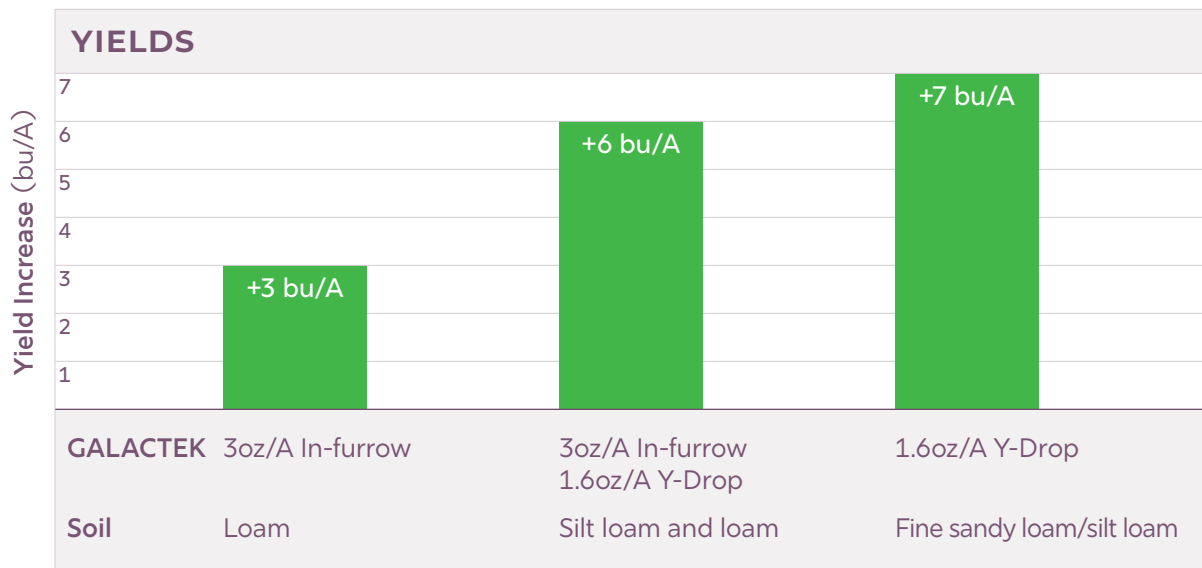
Both treatments received 5 gallons of 6-24-6 per acre in-furrow. The second treatment received GALACTEK 1.5oz in-furrow. An increase of 3–4 bu/A was observed at harvest in the field treated with GALACTEK.

KEY FINDINGS

Add GALACTEK at 1.5–3oz/A in starter fertilizer. Follow up with additional application of GALACTEK at side dress (V5) if in poor soils or if stress is anticipated. Alternatively, apply with side dress at 1.5–3oz/A.

LIVINGSTON COUNTY

All treatments received 5 gallons of 9-18-3 per acre in-furrow and 20 gallons of 32% urea-ammonium nitrate.





CONTROL

WYOMING COUNTY

Both treatments received 5 gallons of starter per acre in-furrow. The second treatment received GALACTEK 1.5oz in-furrow. An increase of 3-4 bu/A was observed at harvest in the GALACTEK treated field. Plants grew stronger root systems and more lateral root hairs.

GALACTEK

CROP QUALITY

GALACTEK treated plants (right of center) grew larger and developed more lateral root hairs compared to control (left of center).



For more information contact your local representative or visit rovensanext-na.com

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