

# Level Up Yields & Nitrogen Efficiency

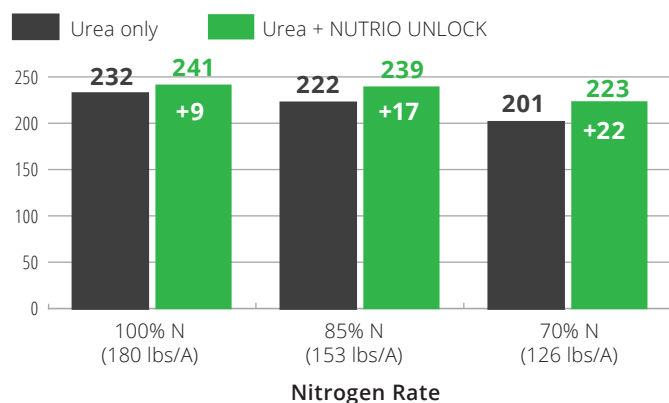


**NUTRIO® UNLOCK® is a liquid biological catalyst that contains seven pure strains of beneficial bacteria that take your crops to the next level through enhanced nitrogen fixation, increased root growth, optimized nutrient uptake, healthier soils, and greater yield potential.**

## UNLOCK YIELD POTENTIAL & MANAGE N RATES

Whitewater, WI | Corn

### Yield (bu/A)



Previous Crop: Soybeans (50 lb/acre N credit)

NUTRIO UNLOCK applied in-furrow at planting at 32 fl oz/A with 3 gal/A of water

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By adding NUTRIO UNLOCK to your nitrogen program, you can manage your N rates with confidence. NUTRIO UNLOCK is a reliable partner and an effective resource to sustain crops with the nutrients they need throughout the growing season to maximize yield potential.

At 85% N, NUTRIO UNLOCK shows:

**+7 bu/A increase over 100% N**

At 70% N, NUTRIO UNLOCK shows:

**+1 bu/A increase over 85% N**

This trial shows consistent yield gain over the urea application as well as positive yield potential with reduced nitrogen rates.

## NUTRIO UNLOCK BENEFITS



Improved nutrient use efficiency and availability



Improved soil structure, microbiome diversity, and population



7 pure strains of beneficial bacterial

NUTRIO UNLOCK allows plants to utilize more available nutrients while improving soil structure, making your operation more economically and environmentally sustainable.

With the team of Wilbur-Ellis agronomists to guide your agronomic decisions and our proven products like NUTRIO UNLOCK, you can be confident that you're boosting your bottom line with better products and expertise.

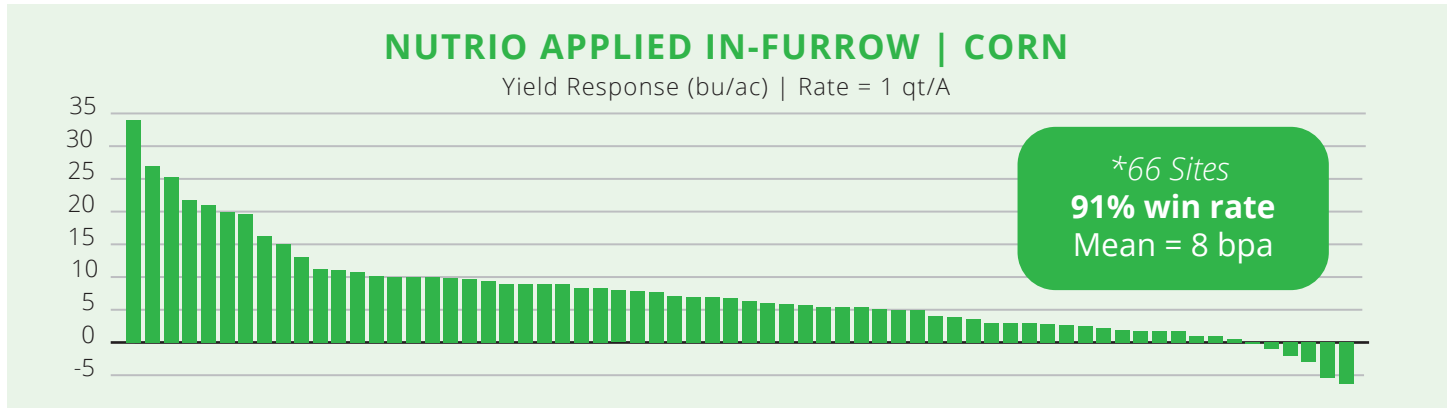
**PROVEN PERFORMANCE** .....





## PROVEN PREDICTABLE PERFORMANCE

Trials show a 91% win rate with an 8 bu/A average yield advantage across 66 sites over 4 years.



BENEFICIAL BACTERIA STRAIN	FUNCTIONS
<i>Rhodopseudomonas palustris</i>	<ul style="list-style-type: none"><li>• <b>Produces favorable enzymes for nitrogen fixation</b></li><li>• Improves organic matter mineralization</li><li>• Nutrient acquisition</li></ul>
<i>Bacillus brevis</i>	<ul style="list-style-type: none"><li>• <b>Enhances nitrogen fixation</b></li><li>• Enhances phosphorus availability</li><li>• Boosts plant biomass</li><li>• Strong extracellular enzyme producer – wide spectrum</li></ul>
<i>Lactobacillus plantarum</i>	<ul style="list-style-type: none"><li>• <b>Enhances nitrogen fixation</b></li><li>• Increases phosphorus utilization</li><li>• Nutritionally adaptive</li></ul>
<i>Bacillus licheniformis</i>	<ul style="list-style-type: none"><li>• <b>Increases nitrogen fixation</b></li><li>• Contributes to phosphorus solubilization</li><li>• Increases plant root establishment and development</li><li>• Aids in organic matter mineralization</li></ul>
<i>Bacillus megaterium</i>	<ul style="list-style-type: none"><li>• <b>Improves nitrogen fixation</b></li><li>• Boosts phosphate solubilization</li><li>• Enhances nutrient uptake</li></ul>
<i>Rhodococcus rhodochrous</i>	<ul style="list-style-type: none"><li>• <b>Enhances nitrogen fixation</b></li><li>• Converts nitrogen into a usable plant form</li><li>• Improves organic matter mineralization</li></ul>
<i>Streptomyces griseus</i>	<ul style="list-style-type: none"><li>• Enhances nutrient mobility</li></ul>

Discover how you can harness The Power of We® at [WilburEllisAgribusiness.com](https://www.WilburEllisAgribusiness.com).

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