



# SHAPE THE SOIL TO UNLOCK PLANT POTENTIAL

Contour™ activates native microbes to break down residue, cycle nutrients and boost root growth—revitalizing soil right beneath the planter. It's easy to use and delivers season-long get-up-and-go for broad acre crops.

This proprietary blend of biological fermentation extracts feeds beneficial microbes, which accelerates residue breakdown, nutrient cycling and root growth. The result: healthier soil, better water movement and higher yields.



Contour helps growers unlock the full potential of their soil. With its proprietary biological fermentation extracts, it delivers powerful results that support resilient, high-performing crops that include corn, cotton, soybeans and wheat. It can support crops throughout the growing season when applied at planting. Healthier, more productive soils leads to more profitable crop performance.

A proactive and user-friendly soil improvement product, Contour is:

- Safe to use in all soil types
- An excellent tank mix partner with low use rates
- Compatible with standard integrated pest management programs, starter fertilizers and other agricultural products
- Shelf-stable (due to its composition of metabolites rather than live microbials), non-toxic, and easy to handle, mix and apply

Contour is the useful and convenient option for growers looking to optimize their crops and soil health.

## PERFORMANCE BENEFITS

Because it is a microbial nourishment and soil quality product, Contour:

- Accelerates residue breakdown in soils to create more nutrient availability
- Strengthens root development for better nutrient and water uptake
- Improves nutrient cycling
- Enhances water infiltration and aggregate stability
- Boosts overall soil functionality



Corn



Soybeans



Small Grains



Cotton



<b>REI</b>	None
<b>PHI</b>	None
<b>Restricted Use</b>	No
<b>Packaging</b>	2x2.5 gal 264-gal totes
<b>OMRI Listed</b>	No

### NUTRIGENOMIC PERFORMANCE ADVANTAGES

Backed by nutrigenomic research, Contour improves soil health by enhancing residue breakdown for greater nutrient availability and stronger root growth. This leads to better nutrient uptake and reduced plant stress for season-long plant performance.

### PRODUCT SPECIFICATIONS

<b>Brand Name</b>	<b>Contour™</b>
<b>Category</b>	Biological (soil health)
<b>Active Ingredient</b>	Bacterial fermentation extract
<b>Crops</b>	Row crops
<b>Formulation</b>	Liquid fermentation solution
<b>Applications</b>	Pre-plant, pre-emergence; can be applied alongside most traditional application programs
<b>Rate</b>	12-32 fl oz/A

### METABOLITES VS. LIVE MICROBIALS

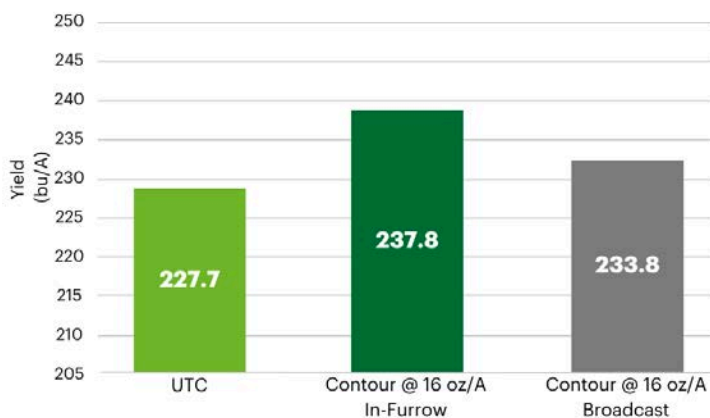
During fermentation, microbes produce metabolites—chemicals that help defend against plant threats or nutrient competitors, and act as signals that are even recognized by plants. Unlike live microbial inoculants that require precise conditions to stay viable, Contour uses beneficial metabolites—not microbes—for a more stable, consistent product. Metabolites are non-toxic, easy to handle, mix, and apply, and remain stable without an expiration date.

Soil Microbes Type & Function*	Population Growth w/ Contour @ 16 oz
<b>Ammonifying Bacteria</b> decomposes nitrogen-rich waste into nitrites	<b>23%</b>
<b>Oligotrophic Bacteria</b> facilitates efficient nutrient uptake in low-nutrient soils	<b>28%</b>
<b>Nitrogen Fixing Bacteria</b> makes atmospheric nitrogen available in the soil	<b>43%</b>
<b>Filamentous Bacteria</b> breaks down organic residues	<b>81%</b>
<b>Soil Phosphorous Mobilizing Microorganisms</b>	<b>90%</b>
<b>Cellulose Degrading Bacteria</b>	<b>54%</b>
<b>Azobacter</b> makes atmospheric nitrogen available in the soil	<b>2% (max)</b>

\*National Academy of Agricultural Science, Ukraine, 2015

### CONTOUR IN CORN - 2022

Whitewater, WI; 6 replications



For more information, visit [HELMcrop.com](https://www.HELMcrop.com).

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