

NUTRIO™ BREAKDOWN™ is a product designed to speed up the decomposition of crop residues (“field stubble”) left after harvest. The product works by providing three crucial components to stimulate microbial performance: 1) a stabilized enzyme to digest the residue, 2) a nutrition package to feed native microbes, and 3) a humectant to provide water for the process.

1. **Stabilized Enzyme** – A patented stabilized enzyme, digests field residues, converting it into sugar. This pre-digestion of cellulose into sugar is a jump-start to microbial growth, and will take place even in low temperatures that are not optimal for microbial growth.
2. **Nutrition Package** – This fully-chelated nutrient package has been formulated to specifically feed the microbes that will further break down field stubble. These microbes are important to mineralize the nutrients from residual organic matter into the plant available forms that will be used in the current or next growing season.
3. **Humectant** – The digestion of organic material through direct enzyme action, or microbial colonization requires available moisture. **NUTRIO BREAKDOWN** has a component that maintains free moisture to fuel the necessary biological reactions.

NUTRIO BREAKDOWN has been shown to be effective with both fall and spring applications and has resulted in consistent yield increases of the crop following application.

Features:

- Faster residue decomposition
- Improved seed bed conditions
- Increased nutrient mineralization from crop residues
- Increased yield
- Low-use rate
- Can be applied with a wide variety of tank mix partners
- Prepares the residue for microbial breakdown even when conditions are not optimal
- Better herbicide coverage

Directions for Use:

- Broadcast onto crop residues in the fall or the spring
- Apply at 16 oz per acre
- Recommended to apply in at least 10 gal/ac of total volume for thorough coverage
- If tilling, apply product prior to tillage

Better Breakdown Leads to Better Yield

