A CARBON-BASED FERTILIZER THAT YIELDS RESULTS.

- IMPROVED CROP PERFORMANCE
- INCREASED NUTRIENT UPTAKE
- MAXIMIZED NUTRIENT DISTRIBUTION
- ENHANCED SOIL HEALTH

MAXIMIZE YOUR SOIL POTENTIAL.
ENHANCED SOIL HEALTH
• TerraNu contains a highly-soluble source of carbon that stimulates soil biology.
• Increased biological activity improves nutrient exchange, water-holding capacity and soil structure — enabling your soil to work more efficiently and effectively.
• TerraNu’s nutrient-rich carbon enables soil microbiology to consume it, be held in soil microbes and then released in a more plant-available form.

MAXIMIZED NUTRIENT DISTRIBUTION
• TerraNu’s homogenization ensures that every granule has the same nutrient analysis and optimizes uniform root interception.
• The uniform distribution of TerraNu’s nutrients increases root feeding sites and reduces hot spots, therefore providing more plants with access to available nutrients.
• TerraNu MicroPack provides up to 36x improved distribution compared to other micronutrient sources when applied at 50 lbs. per acre (lbs./ac.) (illustrated below).

INCREASED NUTRIENT UPTAKE
• TerraNu’s innovation allows for the combination of rapidly-available carbon and sulfate-based nutrients, enhancing nutrient availability and reducing losses.
• Add TerraNu to your existing fertilizer blend for enhanced nutrient uptake or utilize it as a standalone application to feed crop performance from start to finish.

AVG INCREASE IN NUTRIENT UPTAKE (2019 ON-FARM CORN VT TISSUE TESTING)*

PROVEN CROP PERFORMANCE
TerraNu MicroPack Corn Trials Data:

LEARN MORE AT TERRANU.INFO

*On-farm trial studies compared 42 lbs./acre of TerraNu MicroPack vs a grower standard blend.
Soil tests and crop nutrition should be evaluated to calculate the appropriate rate. Performance may vary.

TerraNu is a registered trademark of Midwestern BioAg. ©2020 Midwestern BioAg, Inc. For more information, visit TerraNu.info or call 800-327-6012.

PRODUCT FORMULATIONS
TerraNu carbon-based fertilizer is available in three unique formulations for a perfect fit into your fertility program.

**TERRANU CALCIUM**
A great source of calcium, sulfur and boron.

**Guaranteed Analysis:**
- Sulfur (S) ............................... 5.0%
- Calcium (Ca) ......................... 18.0%
- Boron (B) ............................... 0.08%
- Carbon (C) .............................. 33.0%

**Ingredients:**
A homogeneous granule of manure digestate, lime, calcium sulfate and borate.

**Typical Application Rates:**
Apply at 200-400 lbs. per acre.*

**Testimonial:**
“This is our third year of applying TerraNu, and we're continuing to see great results year-after-year. We experienced a 5% increase in our hundredweight/acre this year, and we know TerraNu Calcium played a role in that.”
- Darwin Eisenga, Marion, MI
  Potato Grower

**TERRANU MICROPACK**
A complete micronutrient package plus N-P-K-S-Ca-Mg.

**Guaranteed Analysis:**
- Nitrogen (N) ........................... 3.0%
- Phosphorus (P) ........................ 3.0%
- Potassium (K) .......................... 3.0%
- Sulfur (S) ............................... 7.0%
- Magnesium (Mg) ...................... 1.7%
- Calcium (Ca) ........................... 2.0%
- Boron (B) ............................... 1.5%
- Copper (Cu) ............................ 1.0%
- Iron (Fe) ................................. 1.0%
- Manganese (Mn) ...................... 1.5%
- Zinc (Zn) ............................... 2.0%
- Carbon (C) .............................. 32.0%

**Ingredients:**
A homogeneous granule of manure digestate, potassium magnesium sulfate, borate, ammonium sulfate, zinc sulfate, manganese sulfate, monoammonium phosphate, copper sulfate, iron sulfate and lime.

**Typical Application Rates:**
Apply at 30-50 lbs. per acre.*

**Testimonial:**
“The main reason I chose TerraNu MicroPack is because it's 250-bushels worth of micronutrients in just one easy pass. It's helping me be more efficient with the fertilizer I apply, saving me dollars per acre and improving my yield.”
- Marshall Fink, Lanark, IL
  Corn Grower

**TERRANU IGNITE**
A stand-alone N-P-K and complete micronutrient package.

**Guaranteed Analysis:**
- Nitrogen (N) ........................... 6.0%
- Phosphorus (P) ........................ 10.0%
- Potassium (K) .......................... 8.0%
- Sulfur (S) ............................... 7.0%
- Magnesium (Mg) ...................... 1.0%
- Calcium (Ca) ........................... 3.0%
- Boron (B) ............................... 0.15%
- Copper (Cu) ............................ 0.10%
- Iron (Fe) ................................. 0.10%
- Manganese (Mn) ...................... 0.15%
- Zinc (Zn) ............................... 0.20%
- Carbon (C) .............................. 30.0%

**Ingredients:**
A homogeneous granule of manure digestate, ammonium sulfate, monoammonium phosphate, sulfate of potash, potassium magnesium sulfate, lime, borate, zinc sulfate, manganese sulfate and copper sulfate.

**Typical Application Rates:**
Apply at 100-400 lbs. per acre.*

**Testimonial:**
“TerraNu's balanced nutrition led to increased plant height, earlier emergence, pod set and the overall development of the soybeans was tremendously better. We saw a 12-20 bushel increase with TerraNu Ignite on our strip-till soybean trial.”
- Travis Messer, Agronomist, Plains Grain & Agronomy, Mott, ND

**LEARN MORE AT TERRANU.INFO**

*Soil tests and crop nutrition should be evaluated to calculate the appropriate rate. Performance may vary.

TerraNu is a registered trademark of Midwestern BioAg. ©2020 Midwestern BioAg, Inc.

For more information, visit TerraNu.info or call 800-327-6012.