

TerraNu Ignite™

Enhance NPK Performance & Efficiency with TerraNu Ignite™

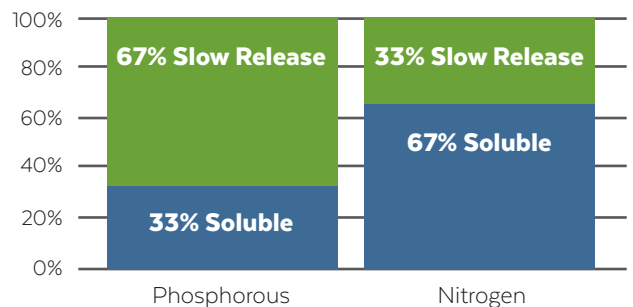
TerraNu Ignite delivers essential nutrients in a manure matrix for enhanced fertilizer performance and nutrient uptake in the field. Using TerraNu Nutrient Technology™, NPK and micronutrients are infused into a manure base that is granulated for precise, uniform application. Because the nutrients in TerraNu fertilizers are bound to manure, they are easily pulled into the soil biology, allowing for immediate and season-long availability. Add TerraNu Ignite to your fertilizer program to increase nutrient uptake efficiency and reduce losses from leaching.

Slow-Release Nutrients

The phosphorus and nitrogen in TerraNu Ignite are delivered in a combination of water soluble and slow-release forms for season-long availability to plants. This keeps nutrients available in the soil longer in the season, and helps prevent nutrient loss from leaching.

While the phosphorus in products like diammonium phosphate (DAP) is 100-percent water soluble, the phosphorus in TerraNu Ignite is 67-percent slow release, ensuring sustained released over time. This is true with other nutrients: The nitrogen in TerraNu Ignite is 33-percent slow release.

Slow-Release & Soluble Nutrients in TerraNu Ignite
Water Soluble and Total P & N



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%



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 200 lbs. per acre, or based on soil test and crop needs.



TECHNOLOGY BREAKTHROUGH

From Manure to Precision Ag

TerraNu fertilizers start out as manure from 12 Indiana dairies. Using TerraNu Nutrient Technology™, we transform it into a precision nutrient delivery system.

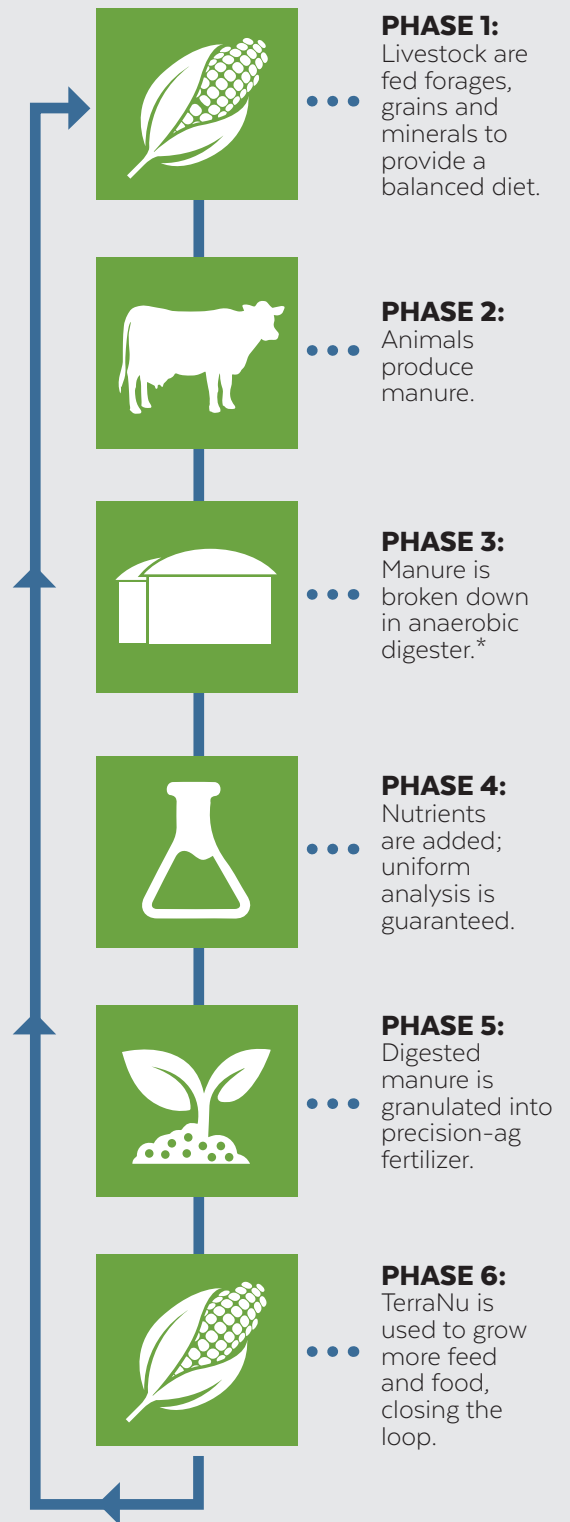
- **Digested.** Manure is sent to an anaerobic digester. In the digester, microorganisms break down the material in a manner similar to a cow's rumen.
- **Water re-use.** Solid materials are extracted, leaving water clean enough to use as irrigation on the farms.
- **Nutrient-rich core for better soil health.** The solids are made mostly of decomposed biological matter, infused with key nutrients. This becomes food for living microbes when applied and pulls nutrients into the soil food chain, making them more plant available.
- **Nutrients added.** Nutrients are added to the mix, resulting in a balanced plant nutrient source that also stimulates soil life.
- **Uniform application.** Our unique drying and granulating process ensures each fertilizer granule has the exact same nutrient analysis. What starts as manure is now a precision-ag fertilizer.

The result offers many of the benefits of manure without the application challenges. It's easier to transport, use and store. TerraNu is consistent, and is built to offer season-long nutrient uptake.



TerraNu Nutrient Technology: TerraNu Nutrient Technology captures nutrients from dairies, giving crop producers across the country easy access to the benefits of manure without the application challenges.

SUSTAINABILITY DEFINED: CLOSING THE LOOP



TerraNu Nutrient Technology gives crop producers easy access to manure-based nutrients from dairy farms, closing the nutrient imbalance in American farming.

*At this stage, biogas is captured to power trucks and buildings.