Where’s the best soil on your farm? **The undisturbed fence line.** This nutrient-rich area has deep topsoil, high organic matter and a lively soil biology because it has never been tilled or disturbed. We want to bring the same fence-line soil biology and organic matter content back to your fields by implementing the **Crop Residue Digestion Program.**

The following visuals and yield data are the results of using ProfitProAG’s Crop Residue Digestion Program.

The combination of these ecologically-friendly soil and crop residue management technologies speeds the complete digestion of crop residue and primes the environment to produce nutrient-dense, high-energy crops.
Think of the Crop Residue Digestion Program as a “second harvest” that improves soil health, nutrient retention, water quality and profitability.

- **Faster warm-up** – less residue allows faster soil warm-up for earlier planting
- **Easier tillage** – soils that are alive and more aggregated require less horse-power and fewer tillage trips
- **Easier planting** – less residue means less hair-pinning and less risk of plugging
- **Lower fertilizer costs** – recycling nutrients in residue can reduce purchased inputs
- **Build organic matter** – accelerated residue breakdown means more carbon (organic matter) in the soil
- **Retain nutrients** – organic matter helps keep nutrients in the soil and protects water quality

**Residue Management = Improved Planting Efficiency and Healthier Plants**
The benefits of building biologically active Soil Organic Matter (SOM)

Building SOM 1%
- Allows the soil to store another 10,000 gallons of water/acre
- Retain more nutrients per acre
  - 1,000 lbs N
  - 650 lbs P
  - 115 lbs K
  - 700 lbs Ca

Yield monitor data showing the yield advantage from using the Crop Residue Digestion Program

ON FARM Trial Series Nelsons Farm Trial – Corn to Bean MeltDown Stubble Digester Trial
Jackson, Nebraska

- MeltDown applied to soybean crop with pre-emerge herbicide following a previously grown corn crop
- Trial Findings:
  +4.5 BPA soybeans with MeltDown

Corn to Corn Environoc 501 Stubble Digester Trial
Mitchell County, Iowa

- Environoc 501 applied to corn stubble in fall. Data from corn crop grown following season. Results from two 22 acre fields.
- Trial Findings:
  +10 BPA corn with Environoc 501

Corn to Bean MeltDown Stubble Digester Trial
Iowa

- MeltDown applied to corn stubble in fall. Data from soybean crop grown following season. Results from 154 acre field, 70 acres treated.
- Trial Findings:
  +5 BPA soybeans with MeltDown
A Full-Circle fall or spring Crop Residue Digestion Program, along with an at-plant and in-season biological/nutritional recipe, will increase crop consistency, yield and quality. This will allow you to spend less and get more, avoid premature death of the crop and maximize yield potential.

Call ProfitProAG and let us help you design your Crop Residue Digestion Program.
Dennis Klockenga (320) 333-1608 or 1-888-875-2425