



Fall #1 2016

Residue Digestion Saves You Money!

With low commodity prices and no extra money to spare, convert your corn stalks to available nutrients for next season.

Benefits of residue digestion:

- Reduced residue obstruction to planting the next crop.
- Decreased crop disease and insect pest concerns.
- Increased soil fertility.
- Increased microbial activity.
- Complete nutrient availability for next year's crop.

Economics of Residue Digestion: Recycling Nutrients = Increased Profits

According to University of Illinois research, **200 bushel** per acre of corn will produce **9,600 pounds** of residue per acre. By employing a good residue digestion program, the fertility yields can be: **209** units of Potassium, **182** units of Phosphate and **88** units of Nitrogen.

Residue Digester Program

For Conventional use (per acre):

- 2 to 3 gallons minimum and up to 5 gallons maximum of UAN 28% or 32% nitrogen
- 1/2 to 1 gallon **3 - Growth Boost**
- 1 pint **SB5500**

Total application: 10 to 11 gallons per acre sprayed with a flat fan nozzle as soon as the combine leaves the field, followed by light tillage to increase microbial contact with residues (Works with No-Till also)

For Organic use (per acre):

- 2 to 3 gallons **eFISHnt*** (Organic fish fertilizer)
- 1/2 to 1 gallon **Organic 3r - Growth Boost**
- 1 pint **SB5500**

Total application: up to 24 gallons per acre sprayed with a flat fan nozzle as soon as the combine leaves the field, followed by light tillage to increase microbial contact with residues (Works with No-Till also)

*eFISHnt must be diluted with sufficient water or other liquids

Product Spotlight: SB5500

- **SB5500** is a consortium of naturally occurring beneficial microorganisms.
- Increases microbial activity in highly mineralized soils, improving soil health.
- Increases nutrient availability by stimulating digestion of crop residues.
- Degrades a wide variety of organic polymers such as starch, cellulose, chitin, and lignin.
- Apply after harvest on fresh crop residues or with pre-plant herbicides.
- Compatible with most other conventional and organic products.
- **SB5500** is OMRI Listed.

Timely Tip

Remember to treat your winter wheat seed with SoilBiotics **1 – Seed Treatment** or **Organic 1r – Seed Treatment** to get it ready for rapid uniform emergence and vigorous stand. Increase seedling stand by 5 to 20 percent and crop yield potential.

Falling Forward

We advise that you conduct a current soil test prior to making any fall fertilizer applications to avoid under or over fertilizing. Based on those soil tests, apply dry Phosphorus and Potassium to bring these up to correct levels. Apply these nutrients along with the proper amount of **2 - Soil Boost** or **Organic 2r – Soil Boost** to increase nutrient availability for next year's crops that will decrease the potential for these nutrients to be tied up or lost to the environment. If you have high Phosphorus readings, then use **2 - Soil Boost** or **Organic 2r – Soil Boost** to keep the nutrition in the soil.

We now have available some 2016 growing season videos available on our YouTube channel.

[Purdy Organic Farms corn initial video.](#)

[Purdy Organic Farms soybean initial video.](#)

[Purdy Organic Farms follow-up video.](#)

New Pricing Program Effective 10/1/2016

SoilBiotics pricing schedule was released September 1, 2016 and will become effective October 1, 2016. Current prices will be held on all products for orders received before October 1 that are shipped no later than October 31, 2016. Contact the office if you have not received new pricing.

SoilBiotics.com | 815-365-2353 | 18500 W 3000 S Road | Reddick, IL 60961

