

ENVIRONOC 501

Biological Stubble Digester

With over 25 strains of naturally-occurring beneficial microorganisms present in extremely high counts, growers will experience the finest in biological stubble digestion and residue management technologies available on the market today. The objective is to turn your crop residue / stubble into an asset on your farm and make it work for you. This product will increase the release of organic matter by enhancing the biological breakdown from beneficial biology, including specialized cellulose and lignin degrading microbes. The product will not totally digest the stubble, but rather etch the surface to allow water, air, and the beneficial microbes inside the stalk. By accomplishing this, nutrients flow inside out and are recycled for next years crop. This nutrient cycling keeps fresh nutrients coming to you annually and keeps the cost of additional fertilizer to a minimum. This process will soften the residue but allow some surface fodder to remain to keep erosion to a minimum.

Undigested residue is a physical tie up of your investment dollars. Recycle your nutrition and turn residue into a valuable resource for next years crop.

Recycled Nutrition= Increased Profits



RECOMMENDED USES:

- Environoc 501 Stubble Digester is a broadcast application at the rate of **16 ounces per acre**, and can be used on many types of crop stubble / residue.
- Applying the inoculant with supplemental nitrogen will assure a long breakdown curve for the microbes and achieve the greatest stubble breakdown. A minimum of 2 gallons 28%, 32%, or Ammonium Thiosulfate is sufficient to create a great microbial bloom.

FEATURES & BENEFITS:

- 25 strains of Beneficial Microorganisms including cellulose and lignin degrading microbes
- Increased organic matter and nutrient release to the soil
- Improved water retention and ability to chelate micronutrients
- Decreased tire damage from stubble, decreased fertilizer use
- Decreased volunteer surface corn seed
- Provides return on investment / increased profits

FAQ:

Q: Will the product completely consume all of the residue by Spring?

A: *No, the product is designed to remove the waxy layer and bore down into the residue letting air, water, and microbes facilitate the biological breakdown process.*

Q: Are these microbes genetically modified or engineered?

A: *No, all of these microbes are naturally occurring, not genetically modified, and non pathogenic. This microbial consortium has been selected for their capabilities to enhance biological residue digestion.*

Q: Can the product be used in all tillage systems?

A: *Yes, the product is effective in no till, minimum till, and conventional till.*

Q: What temperatures are best for the product and is it compatible with my Fall chemical application program?

A: *The product works most efficiently at temperatures over 40 degrees F.*

The product will continue to work over the winter months although the microbial activity slows. Generally, the product is compatible with most Fall chemical application programs, although it is recommended to mix with other products right before application or "just in time".

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