

It's the Pits

Enhancing the Fertilizer Value of Your Manure

How would you like to enhance the value of your liquid or dry manure? You can by properly bioaugmenting your liquid manure or composting your dry manure. By pre-digesting the manure, which is a microbial process, you improve its nutritional value and drop its salt level.

In fact, many of our customers have noticed after three to five years of applying bioaugmented manure an improvement in soil health and a reduction in weed pressure.

What is bioaugmented manure?

Bioaugmented liquid manure is manure that has been processed from an odorous undigested manure into a enzyme-stimulated microbial plant food that is in a liquefied form and biologically available for crops.

Bioaugmented manure can make a difference in your bottom line by providing many competitive advantages throughout your operation. And, when you consider the rising costs of commercial fertilizers and fuel, it is imperative to utilize every benefit as much as possible.

When raw manure is applied to the soil, time is required for the microbes to digest the manure. We call this the **lag phase**. During this lag phase, microbes are building in population to digest the raw manure. As they multiply, they're pulling nutrients and energy away from the crop. By pre-digesting manure you don't encounter this lag phase effect on the crop. Properly digested manure can be applied in the Spring and planted right away without the effects normally encountered with raw manure.

Agronomic ROI from Manure Bioaugmentation

Application of bioaugmented manure results in improved soil health, plant health and agronomic performance. Research results and customers reports show a 5 to 15 percent increase in yield from applying bioaugmented manure versus raw manure. There are many benefits of bioaugmented manure, but the agronomic benefits alone more than justify the cost.

Agronomic Advantages of Bioaugmented Manure

- Improves manure utilization
- Improves soil and plant health
- Improves manure nutrient utilization
- Enhances crop value
- Lowers crop inputs
- Better crop residue decomposition
- Reduces weed pressure
- Addresses environmental concerns
- Probiotic approach
- Enhances feed value and quality

Foaming Manure Pits **ALERT**

It appears that we will see more foaming swine manure pits in 2012 than in past couple of years. This very dense foaming normally is 70 percent methane gas and can be dangerous.

If you have foaming swine manure pits we can help. **Manure Master FoamAway** will knock the foam down and keep it down for up to six months. If you have questions or need more information, please call 1-888-875-2425 or e-mail jladle@profitproag.com.

