

**It's the Pits**

## Enhanced Manure for Improved Soil and Plant Health

### Enhanced Bioaugmented Manure

The escalation in livestock production has magnified the need for increased efficiency in manure system treatments especially when it comes to the preservation of the nutrients into the soil-plant system. Bioaugmenting manure is an inexpensive, efficient and sustainable treatment for livestock manure. Applying digested manure to croplands enriches vital organisms in the soil and helps provide an optimal environment to grow robust crops on a continuous basis.

Historically, swine manure has been a valuable source of nutrients for corn production because it contains most of the nutrients required for optimal soil and plant growth. However, the nutrients in most manure systems vary considerably depending on the manure composition (different levels of moisture in relation to solids). By comparison, bioaugmented manure is more uniform and provides a more equal distribution of nutrients. Additionally, bioaugmented manure has less salt content than fresh manure so the soil can process the nutrients easier and faster. The end goal is healthy soil and healthy, high-quality crops, which bioaugmented manure helps achieve.



### Testimonial

“By using ProfitPro’s manure treatment technology the past four years, I have been able to take care of my clients’ manure management issues. The resulting increased customer satisfaction has allowed me to expand my client base and remove operational stress from my custom applicator business.

“Also, on my own swine and cropping operation, I’ve been able to utilize the bioaugmented manure across more acres and improve crop yield and quality.”

—*Doug Rohlik, Custom Manure Applicator  
Belview, MN*

### ProfitPro® Bioaugmentation Technology

ProfitPro has an extremely innovative approach to treating manure issues. Since every manure system has its own individual make-up, treatment is tailored to meet each site’s specific requirements. The company offers products that introduce pre-selected microbes (bioaugmentation) that are specifically grown to populate within a manure system. Other technology includes the stimulation of the indigenous microbes (biostimulation) at an accelerated rate—it’s like giving steroids to microbes!

- **Bioaugmentation:** utilizes special microbe cultures that are added to the manure.
- **Biostimulation:** stimulates “indigenous” microbes that already exist—giving them an accelerated boost with enzymes and catalytic nutrients.

ProfitPro’s microbial product line is the result of years of research and development; all designed to improve the handling and agronomic value of livestock manure. Call our Manure Consultants to learn how to develop a cost effective treatment plan that makes life easier and increases the bottom line.

Two treatment options are available:

1. Purchase the products for self-application.
2. Contract ProfitPro to treat your manure system (we will treat the manure, track the progress and adjust the treatment plan to optimize results).

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To learn more, go to **ManureMaster.com**  
or call **1-888-875-2425**.

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I heard it through the grapevine that growers are using the **bioaugmented manure** from treated lagoons to put on their fields to **improve soil and plant health.**

By using ProfitPro's **manure management treatment** on the pits/lagoons help reduce salt levels of the manure and salinity of the soil.

Check out ProfitPro's Manure Management Products at [manuremaster.com](http://manuremaster.com) or call **1-888-875-2425**



**FREE Manure Management Teleconference** scheduled for **September 1, 2011** from 8 to 9 pm CDT on **"Enhanced Bioaugmented Manure for Improved Soil and Plant Health"**

For more information, go to [manuremaster.com](http://manuremaster.com). Dial the toll free number 1-866-225-3498 just before 8 p.m. (CDT) and enter the security code 7159 # (pound key).



### Question & Answer

**What are the benefits of Bioaugmented Swine Manure?**

- improves uniformity and handling
- destroys pathogens and weed seeds
- eliminates odors, flies and crusting
- reduces soil borne pathogens
- reduces salt levels of the manure and salinity in the soil
- adds organic matter, improves soil structure and water-holding capacity, reduces fertilizer requirements and the potential of soil erosion

Check-out **Manure Management Service** at [manuremaster.com](http://manuremaster.com).



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