

## It's the Pits

### Kick Start “Your Pits after the Pump Out”

Autumn and fall harvest generally signal a good time to pump pits and lagoons, and it can also be an ideal time to treat pits with manure additive products. ProfitPro recommends adding Microbe-Lift® products approximately two weeks after pump out since the microbes need a “food source” and, with the new manure being introduced into the manure system, it provides a base for microbial activity and stimulates microbial life in the pit or lagoon.

Adding Microbe-Lift after pumping does the following:

- It increases pit capacity by digesting bottom solids and surface crust.
- It will greatly reduce odors.
- It will greatly reduce flies and rodent problems

Difficult to degrade compounds such as cleaners, sanitizers, medication and various bedding materials as well as feed with high fat and protein can reduce and slow necessary biological enzymatic reactions. Water evaporation and heavy organic loading combined with poor enzymatic functions will result in increased surface solids, bottom solids, side deposits and odor. Since manure storage pits rely on enzyme reaction and microbiology to keep manure in liquid form, adding Microbe-Lift when the pit is low allows significant benefits from top to bottom via consistent enzymatic liquefaction of the manure. The efficiency of microbial treatment is dependent upon bacteria growth and metabolism of the organic material present.

To understand the benefits of bioaugmentation in a pit or lagoon, it is important to know that microorganisms are responsible for the breakdown and conversion of manure all the way to the basic elements of carbon dioxide, water and recycle nutrients.

**Dr. Jim Ladlie** will be one of the speakers on the **FREE Manure Management Teleconference**

scheduled for **December 2, 2010** from 8 to 9 pm CST.

He will talk about the benefits of kick starting your pits or lagoons with microbes shortly after the pump out.

Don't miss this opportunity to learn more about manure handling.

For more information, go to [manure.profitproag.com](http://manure.profitproag.com).

Dial the toll free number 1-866-225-3498 just before 8 p.m. (CST) and enter the security code 7159 # (pound key).



Microbe-Lift enhances anaerobic functions through an increase in the fermentation processes, which increases the breakdown of organics to low molecular weight products. It is further assisted by sulfate reducing bacteria.

With a microbial-stimulated environment, your pit or lagoon will reduce or eliminate the development of typical manure issues. Every swine producer or applicator is looking for an advantage. Kick starting your manure system after pump out will do that and more.

## Question & Answer

*What sets the Microbe-Lift products apart from other competitors?*

MICROBE-LIFT's live bacteria (100% active) culture in liquid form solves the most difficult manure management problems in your pits and lagoons. Because it is a live, liquid bacteria and not a dry product, you use substantially less in the treatment of your manure pits and lagoons.

Unlike powdered products that are designed to work on existing bacteria, MICROBE-LIFT's unique liquid formulation of 100% active, live bacteria adds significantly more manure digestant bacteria to your pits and lagoons. MICROBE-LIFT's aerobic and anaerobic cultures work both on and below the surfaces.

And, because more solids are reduced to a liquid slurry, pumping and filling manure spreaders goes faster and gives you more capacity. An added bonus is that fact that MICROBE-LIFT is strong enough to break down undigested feeds and accidental spills. When you add it all up, MICROBE-LIFT is more effective and saves you money over all other types of products.



**All I want for Christmas  
is ProfitPro's "Manure Route"**

- Odor/Flies
- Solids/Crusting
- Foaming
- Loss of Pit Capacity
- Lethal Gases
- Salt Levels

Polly the Pig says: **"Merry Christmas"**



Polly the Pig™. Photo by ProfitPro, LLC

**Up Coming Event**

**ProfitPro Meetings in December (Effectively & Efficiently Mange Manure Storage & Application Issues)**

- Dec. 14 (T) Pipestone, MN
- Dec. 15 (W) Wabasso, MN
- Dec. 16 (Th) Sauk Centre, MN
- Dec. 17 (F) Mankato, MN
- Dec. 20 (M) Albert Lea, MN
- Dec. 21 (T) Iowa Falls, IA
- Dec. 22 (W) Oelwein, IA

**SD Pork Producers Council, Sioux Falls, SD**

January 6 & 7, 2011 . . . See us at Booth #607

**MN Pork Congress, Minneapolis, MN**

January 19 - 20, 2011 . . . See us at Booth #324 & 326

**IA Pork Congress, Des Moines, IA**

January 26 - 27, 2011 . . . See us at Booth #TBD

**ProfitPro Winter Conference, Albert Lea, MN**

February 3 & 4, 2011 (more info at [www.profitproag.com](http://www.profitproag.com))

**MO Pork Expo, Columbia, MO**

February 9, 2011 . . . See us at Booth #TBD

**Central Plains Dairy Show, Sioux Falls, SD**

March 30 - 31, 2011 . . . See us at Booth #TBD

**World Pork Expo, Des Moines, IA**

June 8 - 10, 2011 . . . See us at Booth #TBD



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