

It's the Pits

What Causes Crusting and Solids in Your Pits/Lagoons?

Crusting happens when all the undigested feed materials that the animals' digestive system did not absorb settles at the top of a pit or lagoon. If left undisturbed, it creates an anaerobic condition (no oxygen). This is commonly known as the "dead zone," meaning there is little to no microbial activity taking place, which provides the potential for deadly gases such as methane, hydrogen sulfide, and ammonia to build. These conditions can lead to barn explosions along with human and animal fatalities.

How does the Microbe-Lift® technology fix the problem?

The live microbes in Microbe-Lift® eat the solids and change the raw undigested manure into a liquid solution that mitigates the negative aspects described above. This technology has Purple Sulfur microorganisms that offer exceptional performance in anaerobic environments and alter the microbial pathway of hydrogen sulfide generation. The

Purple Sulfur reduces the odor and breaks down the organic compounds in a low oxygen environment.

What kind of results should you expect?

A greyish scum may form at the top of your pit or lagoon along with bubbling and foaming. Pit or lagoon odor may briefly increase. Chunks of solids may also appear at pit or lagoon surfaces. These signs occur because Microbe-Lift® products are breaking up solids and releasing pent-up gases.

How long does it take to see the results?

Some pits have shown remarkable results in as little as two weeks. However, each manure pit has its own separate issues. For example, the type of feed and medicine used, condition of the pit or the barn and sludge thickness at the bottom of the pit all contribute to the effectiveness of how Microbe-Lift will work on individual pits or lagoons.✘



Doug Dent (guest speaker)

Manure Bioaugmentation Specialist, Ecological Laboratories, will be a guest presenter at ProfitPro's 2010 Summer Conference (Thurs, July 29th & Fri, 30th) and Pre-Conference workshop (Wed, July 28th). His presentation will be about "Manure Bioaugmentation Technology." Call in and listen to Doug on the Manure Management Teleconference Call on August 5, 2010.

For more information, go to www.profitproag.com

Added Value

Manure Management Service

The Full-Circle System™

The Full-Circle System™ brings value points, sustainability and addresses issues surrounding the animal industry. It takes a probiotic approach to animal and crop production which starts and ends with the animal.

Manure Management Options

- #1 Self-application – purchase and apply manure additive (Microbe-Lift®/Hog and/or Microbe-Lift®/SA)
- #2 Contract application – purchase Manure Management Service
- #3 Option 1 or 2 with ProfitPro feed additive (MaxiPlex®)

The "Manure Route"

ProfitPro offers a yearly manure management service to animal producers and custom applicators. The technology includes probiotic manure additives and probiotic feed additives.

The service cost is based on the amount of manure generated in a containment unit or operation annually.✘

Are *Your* Manure Pit Additives Sitting Down on the Job?

We can help.

Do you have these manure issues?

- Odor
- Solids/Crusting
- Flies
- Foaming
- Loss of Pit Capacity
- Lethal Gasses
- DDG problems

Do it yourself or ask about our
annual "Manure Route" Service Plan



Polly the PigTM. Photo by ProfitPro, LLC

Up Coming Event

Farm Technology Days - River Falls, WI

July 20 - 22, 2010

See us at Booth #760

ProfitPro's Summer Conference - ProfitPro's Headquarters, Albert Lea, MN

Summer conference - July 29th (Thurs) starts at 9:00 am
and runs through July 30th (Fri) ending at 3:00 pm

Special pre-conference program - July 28th (Wed)
**Tackling Manure Management Issues
and Enhancing its Value** (1:00 to 5:00 pm)

FarmFest - Redwood Falls, MN

August 3 - 5, 2010

See us at Booth #904E

DakotaFest - Mitchell, SD

August 17 - 19, 2010

See us at Booth #152

World Dairy Expo - Madison, WI

September 28-October 2, 2010

See us at Booth #5007



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