



Odor Control, Reduced Solids, Lower Mortality, & Increased Crop Yields with MICROBE-LIFT® Add Up to Increased Profits

Location: Hatfield's Country View Family Farms, Pennsylvania

Background: Hatfield Farm is a producer for Country View Family Farms (CVFF), a subsidiary of Hatfield Quality Meats Company of Pennsylvania. CVFF is one of the largest swine co-ops in the United States with over 200 grow farms and 50 sow facilities. Working closely with their growers, CVFF is constantly working on technologies to improve efficiency.

Objective: Raising swine is a challenging business. Environmental and public health issues have been of real concern to farm operators worldwide. The increasing demand for production and the market pressures for price control have weighed heavily on swine producers. Economic demands have led the industry to consolidate into larger and larger facilities. With greater numbers of animals at each facility, these industrialized farms deal with increasing concentrations of waste. Manure management is an important issue for industrialized farms. EPA regulations are being enacted and enforced to control odor in increasingly populated areas, prevent pollution of water resources, and control disposal of waste solids to prevent damaging nutrient run-off.

Hatfield's Country View Family Farms decided to test MICROBE-LIFT®/HOG at several farms to determine if it could help improve manure management operations.

Results:

Consistently, these tests showed numerous improvements:

- Reduction in noxious gases leading to improved animal health and decreased mortality rates.
- Odor control provides safer working conditions and reduces complaints
- Less sludge build-up eliminating pumping problems and the need to agitate manure
- Decrease in fly populations as a result of eliminating the odors and solids that attract, feed, and harbor them.
- Increased crop yields.

The unexpected result was the significantly increased crop yields that resulted from land application of higher-value manure.

Starting the program in 2000, CVFF has repeated trials over and over again on different farms with the same beneficial results. To date, MICROBE-LIFT®/HOG application has been incorporated into the operation of over 80 farms in Western Pennsylvania. Experiencing beneficial results at every farm, CVFF has developed plans to roll out the program to their other facilities.

MICROBE-LIFT® Technology has proven to be an environmentally safe and economical solution to meet the ever-increasing challenges of manure management. MICROBE-LIFT®/HOG helps swine farmers maintain the highest level of integrity in animal welfare and bio-security, while producing safe and wholesome products their consumers can trust.



For more information on MICROBE-LIFT® Technology contact

Ecological Laboratories Inc.

www.EcologicalLabs.com

CS11101