



Organic Probiotic Technology for a Sustainable Future

NEWS RELEASE

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Effective Odor and Pathogen Control for Livestock Operations Detailed in SCD Probiotics Case Study and White Paper

(Kansas City, Missouri, USA) June 23, 2010 - SCD Probiotics, a leading manufacturer of beneficial microbial products, has recently released a Case Study and White Paper documenting evidence of odor and pathogen control in livestock production facilities. Benefits of these all natural, non-toxic, sustainable products include:

- targeted reductions in odor control quality parameters as measured by scentometers
- pathogen reduction that helps comply with EPA regulations and regional water control boards
- potential reduction in expenses related to energy consumption
- concentrated formulas for cost-effective applications

SCD Probiotics Technology is a consortium of lactic acid bacteria, phototrophic bacteria, nutritional yeast and other beneficial microorganisms. The SCD consortium culture synergistically works to inhibit the growth of pathogenic, harmful bacteria through competitive exclusion. Products have long shelf lives and can withstand a wide-range of temperatures.

Solutions for pathogen control in this industry is particularly important in light of the recent announcement by the EPA, which has agreed to identify and investigate thousands of factory farms that have been avoiding government regulation for water pollution with animal waste (<http://www.ens-newswire.com/ens/jun2010/2010-06-01-093.html>).

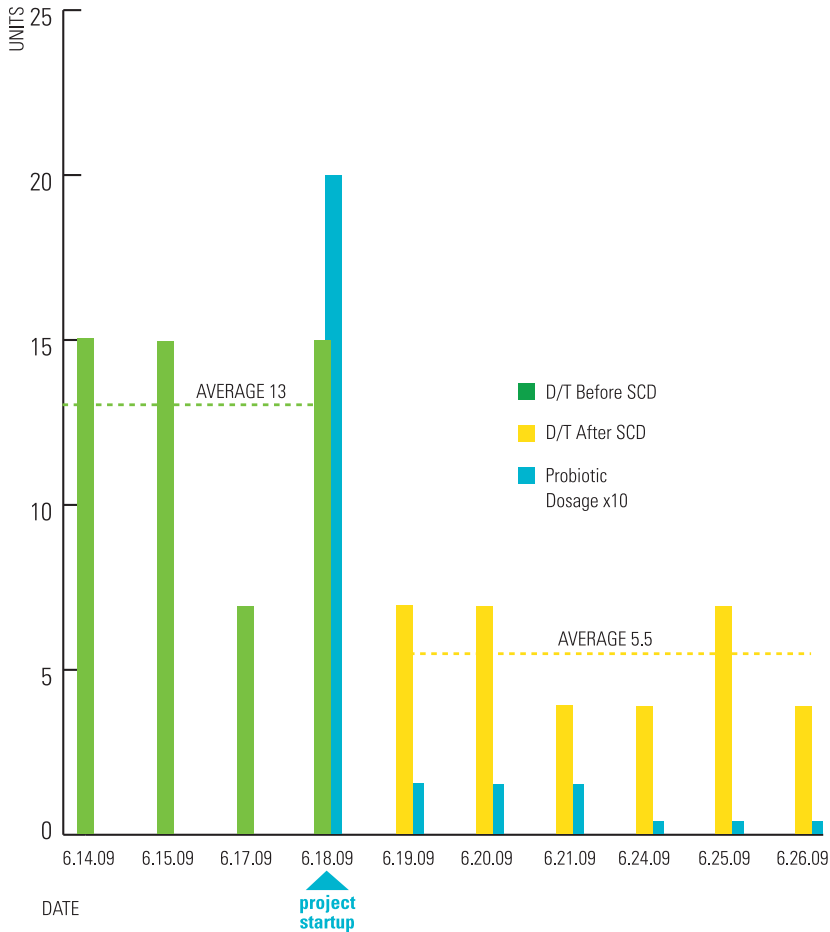
Livestock operators generate massive amounts of liquid animal waste on land, which runs off into waterways, killing fish, spreading disease, and contaminating drinking water. The plaintiff groups cite EPA estimates that pathogens, such as E. coli, are responsible for 35 percent of the nation's impaired river and stream miles, and factory farms are one of the most common pathogen sources.

As detailed in the **White Paper** (http://www.scdprobiotics.com/White_Papers_s/344.htm), global studies have been conducted to determine the effect of probiotics technology for wastewater treatment. Studies indicated reductions in Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD) and total coliforms in wastewater treated with probiotics.



A new **Case Study** (http://www.scdprobiotics.com/SCD_Probiotics_Case_Studies_s/365.htm) provides clear evidence of odor reduction associated with livestock operations. As the following graph demonstrated, average foul odor at a dairy farm (as measured by a scentometer) was reduced from 13 D/T to 5/5 DT after probiotic applications.

Odor Control in Livestock Dairy Operations after SCD Probiotics Application



For more information about the efficacy of probiotics in the treatment of wastewater and the control of odor in livestock operations, visit SCD Probiotics (www.SCDProbiotics.com).

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Note: Contact mindy.mcdermott@SCDProbiotics.com for photographs and interview opportunities with the CEO, Matthew Wood, or the Director of Technology, Dr. Narin Tipsrisukond.