



Organic Probiotic Technology for a Sustainable Future

You are here: [Home](#) > [The Buzz](#) > [SCD Probiotics' odor, pathogen control in livestock facilities](#)

Info documents odor, pathogen control in livestock facilities

by Meat&Poultry Staff

Direct link to source: www.meatpoultry.com

KANSAS CITY, MO. - A case study and white-paper documenting evidence of odor and pathogen control in livestock production facilities was recently released by SCD Probiotics, a manufacturer of beneficial microbial products.

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 Environmental Protection Agency (E.P.A.) 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 are particularly important in light of the recent announcement by the E.P.A., which has agreed to identify and investigate thousands of plants it claims have been avoiding government regulation for water pollution with animal waste, the company relayed (<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 E.P.A. estimates that pathogens, such as E. coli, are responsible for 35% of the nation's impaired river and stream miles, and meat plants 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 (B.O.D.), Chemical Oxygen Demand (C.O.D.) and total coliforms in wastewater treated with probiotics.