

SCD Probiotics

Case Study Summary – Wisconsin, United States of America

Odor Control in Livestock Operations

Industry: Livestock Operations
Application: Odor Control, dairy manure lagoon
Customer: Dairy farmer
Where: midwestern United States
When: June, 2009
SCD Products: SCD Odor Away™

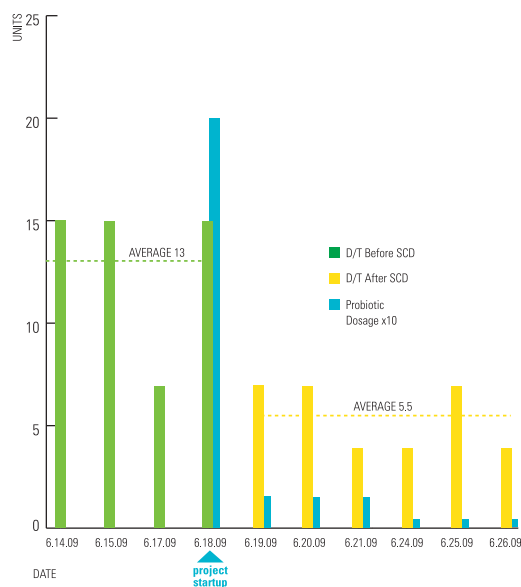
Methodology Summary

Recent trials using SCD Probiotics Technology for odor reduction in dairy manure lagoon indicated that SCD Odor Away was successfully used to manage odor from the waste lagoon. The trial dairy farm has 450 dairy cows with 1.1 million gallon waste lagoon capacity. Data (dilution threshold ratio or D/T) was collected 4 times prior to the initial introduction of SCD Odor Away. Data after treatment was then taken six times. In general, D/T data was taken either from 10am-12pm or 2-4pm each day at the same location each time.

Prior to treatment, data ranged from 7 D/T-15 D/T (Figure 1). Treatment began on June 18. Within three days, the dilution ratio had dropped to 4 D/T. As a result, dosage application was adjusted to maintenance application level (1:5,000), which started on June 22nd, 2009. See Figure 1 below.

Results:

Average D/T result prior to the treatment is 13 D/T, while after treatment data averages 5.5 D/T. This represents approximately 2.36 fold in D/T reduction.



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