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Index:

Monitoring of the efficacy of SOP on the reduction of the microbial load in an Italian commercial fattening pig farm ADSA-CSAS-ASAS Joint Annual Meeting (Montréal, Québec, Canada), 2009.....	3
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Monitoring of the efficacy of SOP on the reduction of the microbial load in an Italian commercial fattening pig farm

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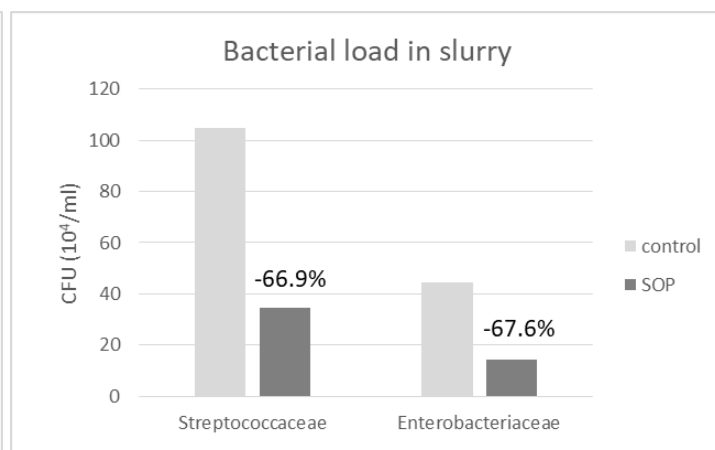
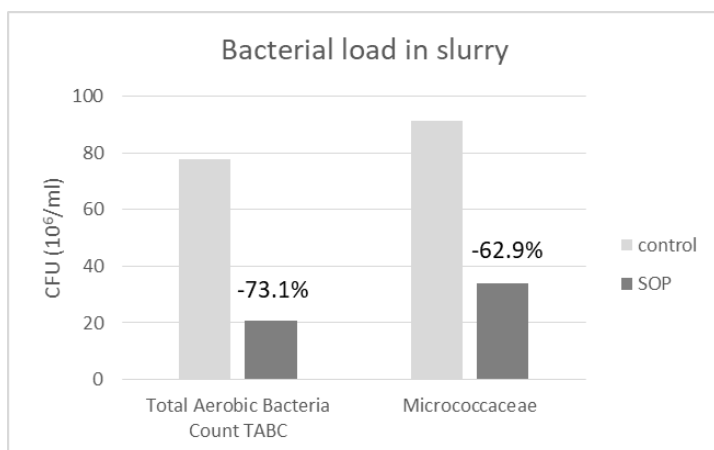
Objectives

This study was conducted over the period 2006-2008 in order to evaluate, in field, the efficacy of a new technological additive (SOP) in controlling the growth of some bacteria in pig manure.

Materials & Methods

Formula	SOP SQS 233 + SQE 034
No. of animals	//
Materials & Methods	Manure samples were taken, monthly, from both the unit with pigs receiving the treated food (T) and the unit with pigs receiving untreated food (C), for a period of 23 months.
Evaluated parameters	Total Aerobic Bacterial Count (TABC), Enterobacteriaceae, Micrococcaceae and Streptococcaceae
Statistical significance	P<0.01 (TABC; Micrococcaceae; Streptococcaceae) and P<0.001 (Enterobacteriaceae)

Results & Graphs



Conclusions

Control of the microbial load on commercial pig farms is essential to improve animal health and welfare and, consequently, production performance.

SOP can reduce the total amount of TABC, Enterobacteriaceae, Micrococcaceae and Streptococcaceae in pig manure.