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Preliminary results of in-field monitoring of a feed additive for rumen functionality on 7 Italian commercial dairy farms

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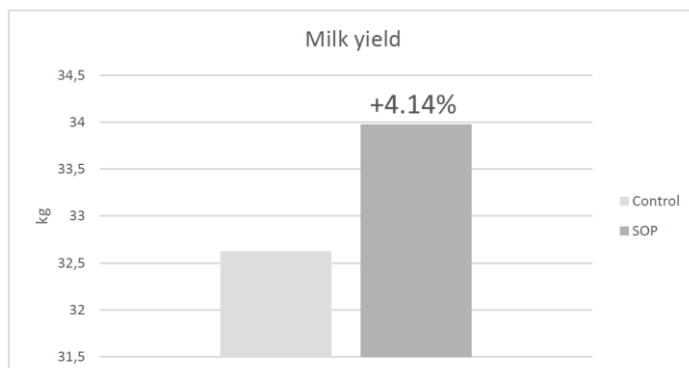
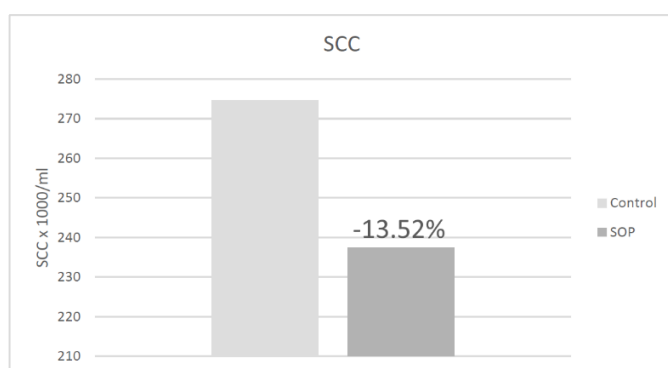
Objectives

The aim of this study was to assess the efficacy of a commercial additive (SOP) on dairy cow rumen wellbeing and on milk yield and quality.

Materials & Methods

Formula	SOP SQC 233 + SQE 034 + SQC 005A
No. of animals	1,357 (7 commercial Italian dairy farms were involved in this trial with 75 to 330 lactating cows each)
Materials & Methods	A period of 1 year before treatment was compared to a period of 1 year after use of the feed additive. All the farms were located in the same area, used corn silage and fodder produced on site, with commercially available concentrates, and used comparable herd management and milking routines. No changes were made during the whole trial period in any aspect of the dairy herd management.
Evaluated parameters	SCC; Milk yield
Statistical significance	P<0.05 (SCC); P<0.01 (production)

Results & Graphs



Conclusions

Due to the action of the SOP technology on the ruminal and gut microbiota, the quality and the quantity of the milk yield can be increased.