

Presented at:
World Buiatrics Congress
(Santiago, Chile - 2010)

Monitoring the effects of a Bio-hygienization treatment on the growth performance of calves for replacement heifers

A. Zanierato¹, I. Accorinti¹, P. Luparia¹, V. Bronzo³, E. Tetone², K. Leslie²

¹SOP s.r.l. Busto Arsizio (VA), Italy; ²Department of Population Medicine, Ontario Veterinary College, University of Guelph, Ontario, Canada; ³Department of Veterinary Pathology, Hygiene and Public Health, Faculty of Veterinary Medicine, Università degli Studi di Milano, Italy

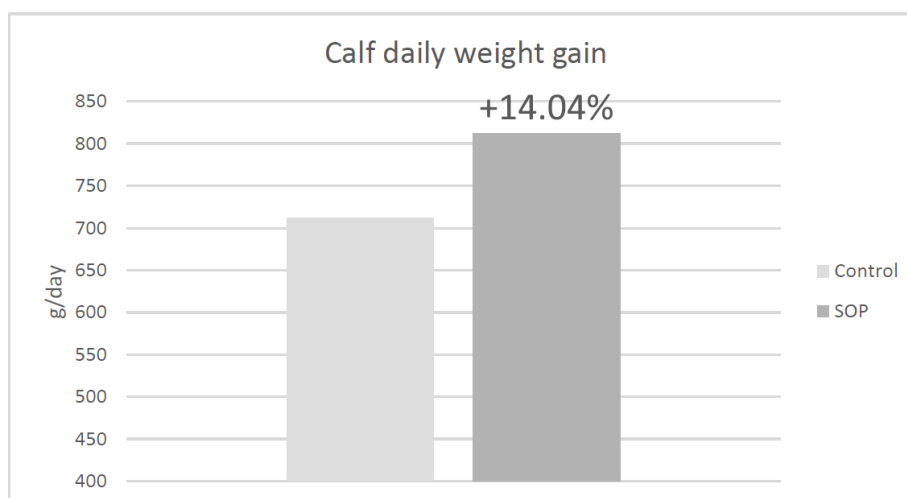
Objectives

The aim of this research was to evaluate the effects of a Bio-hygienization treatment (SOP) on maternity and calf pen bedding, regarding environmental factors and the health and growth performance of commercial replacement heifer calves.

Materials & Methods

Formula	SOP SQC 234
No. of animals	19 heifer calves
Materials & Methods	The investigation involved 19 heifer calves on a commercial dairy farm in Ontario, Canada. Maternity pens were randomly assigned to either bio-hygienized (SOP) bedding or no treatment (standard). Individual calf pens and communal weaned calf pens were likewise assigned. The trial lasted 120 days (May 14th 2009 – Sept. 14th 2009).
Evaluated parameters	Health and growth performance of commercial replacement heifer calves
Statistical significance	P<0.05

Results & Graphs



Conclusions

The SOP products reduce the causes of stress in farm animals, allowing them to be more productive.