



60 Research paper

Strategies for reduced antibiotic usage in dairy cattle farms by Trevisi, E., Zecconi, A., Cogrossi, S., Razzuoli, E., Grossi, P. and M. Amadori
2014 Research in Veterinary Science 96: 229-233

in **Significant Impact Group(s)**: Pathogen management \
Managing sick animals \ Targeted use of antibiotics ; AMU reduction strategies

Species targeted: Dairy;

Age: Adult;

Outcome Parameter(s): Inflammatory response

Summary: A proper combination of herd data on opportunistic diseases and of farm-specific risk factors can lead to a substantial reduction of antibiotic usage in dairy farms. In this respect, the proper combination of clinical inspections, animal-based welfare parameters and predictive laboratory tests can give clues as to the environmental adaptation of dairy cows and define the animals at risk. The greater potential for disease control in the herd can justify the adoption of such a strategy on a sound cost/benefit basis.

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Where to find the original material:

<https://www.sciencedirect.com/science/article/pii/S0034528814000253>;

<http://dx.doi.org/10.1016/j.rvsc.2014.01.001>

Country: IT