



355 Research paper

Learnings from an exploratory implementation of an innovative training-program to reduce antibiotic use in the dairy sector

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In Significant Impact Groups:

Prudent use AB \ Agri-advisor AMU reduction strategies

Species targeted: Dairy;

Age: Adult;

Summary:

In the dairy sector, antibiotics are mostly used for the control and treatment of mastitis. A study in Western France evaluate effectiveness, strengths and weaknesses of an innovative training program: one classroom-training day, virtual classrooms, and an individual support with the farmer. Two groups of farmers addressed two different themes, depending on their herds' udder health:
(1) Mastitis prevention during lactation for herds with frequent clinical mastitis
(2) Selective instead of blanket dry cow therapy for herds with good udder health.
Some farmers appreciated the virtual classroom training method because it was flexible (frequency, timetable, etc.) and little time consuming. However, connection or computing logistic problems made the participation in the virtual classrooms difficult. For the "prevention" group, results also showed limited improvement of knowledge, perception and practices of farmers. Improvement of knowledge and perception was significant. Both exposed and non-exposed farmers did improve their practices of antibiotic use at dry-off.

355 Research paper - Poizat - 2018 - Learnings from an exploratory implementation of an innovative training-program to reduce antibiotic use in the dairy sector

Where to find the original material:

https://www.researchgate.net/publication/327845718_Learnings_from_an_exploratory_implementation_of_an_innovative_training-program_to_reduce_antibiotic_use_in_the_dairy_sector;

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