Friday, March 8, 2024

Abstract Submission Form

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Preferred presentation Poster

Preferred session Session 6: SC Dairy Cattle Milk Recording – Presentation and evaluation of new analytical parameters in herd management for dairy farms

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Title of your paper ResKuh - development of tools, diagnostics and recommendations for better herd management

Insert ABSTRACT text

Energy transition, limited resources and climate change are setting new priorities for local food security and call for a plan for sustainable food production in particularly affected areas. This is why the Alsace Chamber of Agriculture and the Regional association for performance testing in livestock breeding of Baden-Württemberg, have jointly launched a new project in October 2023 to continue the innovative and strong partnership of recent years. As the name "ResKuh" suggests – “Kuh” being the German translation of cow –, the project focuses on improving resilience in milk and meat production. The aim of the project is to support farmers in improving the sustainability of their production systems and in optimizing the use of scarce resources in times of climate change. The project area covers the Upper Rhine region with Alsace in France, Baden in Germany and the High Jura in Switzerland. An important topic that is being addressed is the improvement of water management in dairy farming by reducing water consumption and optimizing the use of resources. Another goal is the development of innovative meadow and pasture management to preserve grassland, particularly with regard to dry periods and more efficient use of self-

produced feed. Furthermore, experts from the ResKuh project are working on the sustainability of farms, in particular with regard to animal welfare, the greenhouse gas emissions and the energy transition. By bringing together experts from research, training and consultancy fields, ResKuh aims to provide suitable tools to support farmers in overcoming the above-mentioned challenges of climate change and to offer technical aids and training for farmers on the topics mentioned. Cooperation across national borders benefits of skills, tools and methods available on both sides of the Rhine and at the same time promotes exchanges between farmers who are affected by the same problems in the three countries involved.

Enter keywords herd management, production, dairy cow, dairy farming, MIR, spectral data