



16. New Milk Recording Methods and Services

Title presentation

New approach to predicting the fat content in 2x milking

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Abstract

Traditionally, the estimation of the 24-hour fat content from a one-milking sample has required conducting a large study with multiple samples during the day from thousands of cows from different herds and milking intervals. In this study, we show how a large number of milk recording samples can be used for creating a local calculation method without additional samples. In the Finnish case, some 7 million samples with data on preceding milking intervals were used, combined with what we know about the analysed milk composition and about the individual cows. The results are also compared from the point of view of how well they alleviate the differences between milking times and intervals.