

A simple method to predict methane emissions based on milk mid infrared spectra

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Context



Take home message

The prediction of individual CH_4 emissions from milk MIR spectra of dairy cows is possible. As MIR information is available, it permits large scale applications (individual, herd, region, country levels) over years. Genetic selection, adapted good farming practices and diet/management advices can be initiated to reduce CH_4 emission which was not possible before.

