



Bachelor or Master thesis BIOVIT 2023/24

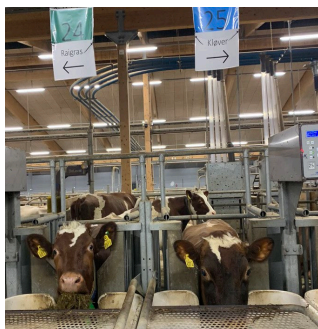
Topic/Title (Norwegian)

Surfôr kvalitet og effekt på in vitro metanproduksjon, sammenlignet med in vivo data

Topic/Title (English)

Silage quality and effect on in vitro methane production, compared to in vivo data.

Picture



Summary

The work is part of the KlimaGrovfôr project, which is investigating what silage characteristics have the greatest effect on reduction of enteric methane in dairy cows. An experiment with dairy cows has been carried out, where the effect of different silage qualities on methane production was measured using the GreenFeed system. The same silage qualities have been measured for in vitro methane production using the gas production technique. The aim of the thesis is to compare the two methods of measuring methane production. The work with the thesis will include data analysis, calculations and a literature review.

Type of work: data analysis, literature study

Subject area Grass silage quality, methane emissions, in vitro

Language thesis Norwegian or English

Bachelor or Master thesis Bachelor thesis, Master thesis

Credits Bachelor thesis: 15, Master thesis: 30

Project/company KlimaGrovfôr

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