



Topic/Title

Genetisk korrelasjon mellom påsettlammet sin haustvekt og fruktbarhet ved reproduksjon som åring

Topic/Title

Genetic correlation between the recruitment ewe lamb's autumn weight and her reproduction at 12 months of age

Summary

Fecundity at an early age may be influenced by several factors including growth rate and relationship adult weight / juvenile weight. Selection for increased lamb growth may be correlated to risk of yearlings not producing lambs.

We will study if there are trends in yearling (in)fertility, and correlations to recruitment lambs' (påsettlams) weight / growth until autumn. This has to our knowledge not previously been studied for Norwegian sheep.

The thesis will be linked to the PhD project of Line Sass Kierkegaard.

M&M: quantitative genetics, data management in SAS (or R), analyses in ASReml. Multivariate modelling.

Subject area

Animal breeding; quantitative genetics, reproduction, fecundity, life history theory

Language thesis

English

Bachelor or Master thesis

MSc

Credits

30

Project/company

IHA/BIOVIT, NMBU

Please contact

gunnar.klemetsdal@nmbu.no

geir.steinheim@nmbu.no

line.sass.kierkegaard@nmbu.no