



Topic/Title

Genetisk variasjon i slaktekvalitet eigenskapar hos regnbogeaure

Topic/Title

Genetic variation of carcass quality traits in rainbow trout.

Summary

Obtain genetic parameters for some carcass quality traits in rainbow trout.

Background:

Growth, early sexual maturity, spinal deformity and abdominal fat are important production traits in farmed rainbow trout. However, little information is available about the magnitude of the genetic variation of the traits and the genetic correlations among the traits.

The topic of this thesis:

Carcass trait data (body weight, early sexual maturity, spinal deformity, abdominal fat) recorded at slaughter of three year-classes of the nucleus breeding population of Osland Stamfisk (<https://osland.no/osland-stamfisk/>). Obtain estimates of genetic variation in the trait some traits and of the genetic and residual correlations among the traits.

Type of work:

The student will acquire knowledge on how to perform a statistical analyses of the data by use of the software package ASReml, and how to interpret the result output.

Language thesis (Norwegian and/or English)

Optional

Master thesis, Credits 30

Project/company

Nofima and Osland Stamfisk AS

Bachelor or Master thesis BIOVIT 2021/22



Please contact



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