



Topic/Title

Bruk av elite hannar ved produksjon av egg for sal.

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Use of elite males when producing eyed-eggs for sale.

Summary

Background:

At the multiplier level eggs from several females are fertilized with milt from males with very high estimated breeding values (EBV). As milt quality cannot be easily measured prior to fertilization, the eggs are fertilized with pooled milt from a few sires to reduce the risk of low fertilization rate.

The topic of this thesis:

Investigate the relative contribution of different males when a mixture of milt from a few males are used to fertilize the eggs from several females. The contribution from each male will be investigated by genotyping a random sample of the eggs at the eyed-egg stage.

Type of work:

Conduct an experiment at a breeding nucleus facility with the objective to get better knowledge on how to more efficiently use the elite males to produce eyed-eggs with high genetic level, while at the same time obtain high percentage of eyed-eggs.

Language thesis (Norwegian and/or English)

Optional

Master thesis, Credits 30

Project/company

Nofima

Bachelor or Master thesis BIOVIT 2021/22



Please contact



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