

Topic/Title (Norwegian)

Grovfôr som et lokalprodusert protein- og energirikt fôr til hester

Topic/Title (English)

Forage as a local produced protein and energy feed for horses

Link to project:

<https://www.nmbu.no/forskning/prosjekter/grovfor-som-et-lokalprodusert-protein-og-energirikt-til-hester>



Forage as a local produced protein and energy feed for horses

Foto: Rasmus Bovbjerg Jensen

Summary

Fundamental knowledge on energy and especially protein digestion in horses as well as feedstuff evaluation is needed to meet today's challenges regarding sustainable feed production. This project will investigate the digestion of protein in-vivo and in-vitro of forage legumes and grass.

The Metabolism unit at NMBU offers unique research facilities for studying nutrient digestion and metabolism using the cecum cannulated horses. There are projects planned and new are coming continuously. Contact Rasmus if you are interested in horse nutrition.

Subject area

In-vivo, in-vitro, mobile bags, in-sacco, protein digestion,

Language thesis

Norwegian or English

Bachelor or Master thesis

Master thesis

Credits

30, 45 or 60

Please contact

Rasmus Bovbjerg Jensen, Biovit Room H265, Email: rasmus.bovbjerg.jensen@nmbu.no

Topic/Title (Norwegian)

Hållbara och lokalt producerade energi- och proteinfodermedel för häster

Topic/Title (English)

Sustainable and local produced protein and energy feeds for horses

Link to project:

<https://www.nmbu.no/forskning/prosjekter/hallbara-och-lokalt-producerade-energi-och-proteinfodermedel-haster>

**Summary**

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Subject area

In-vivo, in-vitro, mobile bags, in-sacco, protein digestion,

Language thesis

Norwegian or English

Bachelor or Master thesis

Master thesis

Credits

30, 45 or 60

Project/company

Felleskjøpet (Norway) and Lantmännen (Sweden)

Please contact

Rasmus Bovbjerg Jensen, Biovit Room H265, Email: rasmus.bovbjerg.jensen@nmbu.no

Topic/Title (Norwegian)

In vitro fordøyelse av stivelse hos hest

Topic/Title (English)

In vitro starch digestion in horses

**Summary**

Starch can be fed to horses as an energy rich feed. However, horses have a limited capacity for digesting starch in the small intestine. This project will try to develop an in vitro model for screening starch rich feeds fed to horses.

The Metabolism unit at NMBU offers unique research facilities for studying nutrient digestion and metabolism using the cecum cannulated horses. There are projects planned and new are coming continuously. Contact Rasmus if you are interested in horse nutrition.

Subject area

Starch, energy value, digestion and fermentation, in-vitro, feed processing

Language thesis

Norwegian or English

Bachelor or Master thesis

Master thesis

Credits

30 or 60

Project/company

Felleskjøpet

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