



Above: From Hvanneyri



NJF Seminar 432

The potential of forage
legumes to sustain
a high agricultural
productivity

- a Nordic perspective



**Hvanneyri, Iceland
20-22 June, 2010**

Organised by
**The Agricultural University of Iceland
Faculty of Land and Animal Resources**
and
**Aarhus University
Faculty of Agricultural Sciences (DJF)
Department of Agroecology and Environment**
in collaboration with
NJF – the Nordic Association of Agricultural Scientists



Background

Historically legumes have been the key to agricultural development. Even today with high inputs of mineral fertilizers, a rough estimate shows that at least a quarter of the nitrogen in our agricultural systems originates from the N₂-fixation of legumes. Future agricultural scenarios are affected by increasing energy prices, increasing human population and increasing consumer wealth, resulting in a higher protein intake through meat. Prices of e.g. mineral fertilizers and soybean concentrate can, therefore, be expected to increase, making locally grown fodder more competitive than is currently the case.

The sustainability of legume based agricultural systems will be the topic of the NJF seminar. Forage legumes not only supply high quality fodder, but also increase soil fertility via high N residuals in the soil.

Programme

The seminar will begin with an excursion on June 20th at 9.00 taking the seminar participants from Reykjavik through the agricultural areas in south Iceland to the conference venue in Hvanneyri. The excursion includes stops at the sheep farm of Heiðarbær in Bláskógabyggð and at the dairy cow farm of Stóra-Ármót near Selfoss.

On June 21st and 22nd seminar participants will present and discuss the following topics:

- Legume breeding and adaption to changing environments
- Sward diversity and stability
- Legume impact on soil fertility and N balance
- Fodder quality of legume-based grass swards

Confirmed keynote speakers

Legume breeding and adaption to changing environments
Dr. Petter Marum, Graminor, Norway

Sward diversity and stability
Prof. Andreas Lüscher, Agroscipe Reckenholz-Tänikon ART, Zürich, Switzerland

Legume impact on soil fertility and N balance
Dr. Jørgen Eriksen, Dept. Agroecology and Environment, Aarhus University, Denmark

Fodder quality of legume based pasture
Dr. Gilles Bélanger, Agriculture and Agri-Food, Quebec, Canada

Submission of abstracts (deadline 15 February 2010)

Contributions to the seminar are most welcome. Proposals for abstracts consisting of a title and approx. 10 lines of text should be submitted via the facility on the seminar webpage before February 15th 2010 (www.njf.nu/seminars/432). The organising committee reserves the right to select among the submitted abstracts for oral presentations and posters. The webpage will be open for submissions from January 1st 2010.

The authors of titles subsequently selected for presentation will be invited to write an extended abstract of maximum four A4 pages (two for posters) to be submitted by May 1st 2010. All approved extended abstracts will be included in the seminar proceedings that will be available in electronic form before the meeting.

Guidelines for writing extended abstracts can be downloaded from the seminar homepage under 'Guidelines for contributors'. Please make sure you adhere to these guidelines.

Workshop language

English

NJF Organising Committee

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All photos are from Hvanneyri



Workshop venue

The Agricultural University of Iceland
Hvanneyri
311 Borgarnes
Iceland
Telephone: +354 433 5000

Registration

Registration will be open from January 15th 2010 via the seminar webpage:
www.njf.nu/seminars/432/

Participation fee

NJF members:
Before 15 April 2010 ISK 54.000 (~ 300 EUR)
After 15 April 2010 ISK 65.000 (~ 360 EUR)

Others:

Before 15 April 2010 ISK 65.000 (~ 350 EUR)
After 15 April 2010 ISK 76.000 (~ 420 EUR)

The price includes all meals and bus transport from Reykjavik to the conference venue in Hvanneyri and return to Reykjavik after the seminar. The fee will be paid in ISK and may vary somewhat in EUR depending on the exchange rate at the time of registration.

Accommodation

Low cost

The price for the accommodation at low budget but very cosy university dormitory in Hvanneyri is ISK 5.500 for a single room and ISK 8.000 for a double room.

More information

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