



Grünland und Tiergesundheit Eifel

Update: 30 November 2019

<https://ec.europa.eu/eip/agriculture/en/find-connect/projects/gr%C3%BCnland-und-tiergesundheit-eifel>

Geographical location:

Germany

Main geographical location (NUTS3):

Vulkaneifel

Keywords:

Farming practice
Animal husbandry and welfare
Pest / disease control
Fertilisation and nutrients management
Soil management / functionality
Climate and climate change
Biodiversity and nature management

Internal keywords:

grassland

Main funding source:

Rural development 2014-2020 for Operational Groups (in the sense of Art 56 of Reg.1305/2013)

Project type:

Operational group

Starting date:

2016

End date:

2019

Project status:

Ongoing

Title (in English):

Grassland and animal health Eifel

Objective of the project (native language):

Es soll festgestellt werden, wie sich Anwelkgrad, TM Gehalt, Erntetechnik und Silierverfahren auf die Konservierungsverluste, den Eiweißabbau und die Futterqualität im Hinblick auf die Schmachhaftigkeit, Futteraufnahme und Tiergesundheit auswirken.

Objective of the project (in English):

The influences of pre-wilting, DM content, harvesting methods and silaging on conservation loss,

protein degradation and forage quality in regard to palatability, feed intake and animal health will be determined.

Description of activities (native language):

Auf fünf Milchviehbetrieben der Projektgruppe, die die verschiedenen Gegebenheiten der Eifelregion repräsentieren, werden über 4 Jahre gezielte Praxisversuche im Rahmen der Bewirtschaftung angelegt. Dabei handelt es sich nicht um Exakt- und Sortenversuche, sondern um einen Feldversuch bei dem großflächig Düngung, Bestände, Ansaatmischungen, Ertrag und Silierung erfasst werden. Dies hinsichtlich deren Auswirkungen auf die eiweißabbauenden Prozesse (Proteolyse und mikrobieller Eiweißabbau). Die Betriebe wenden unterschiedliche Konservierungsverfahren an. Auf den Betrieben werden die vorhandenen Grünlandflächen mit Bodenproben und Bestandsaufnahmen erfasst und eingeteilt.

Description of activities (in English):

On five dairy farms in the project group, which represent the different local conditions in the Eifel, over 4 years field tests will be laid out within the cultivation. This will not be an exact or variety trial, but a field trial where different large scale fertilizer, standing crops, seed mixtures, yield and silaging will be measured, with regard to their influences on protein degradation (proteolysis and microbial protein degradation). The farms are using different conservation methods. On each farm the whole grass land will be captured and categorized using soil sampling and plant social inventory.

Total budget:

359907.71

Project coordinator

Contact person:

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Partner category:

Farmer

Further details

Description of the context of the project:

On five dairy farms in the project group, which represent the different local conditions in the Eifel, over 4 years field tests will be laid out within the cultivation. The farm size in the project is between 60 and 600 dairy cows.

This will not be an exact or variety trial, which were performed on different locations by the chamber of agriculture and DLR Eifel. But a field trial where different large scale fertilizer, standing crops, seed mixtures, yield and silaging will be measured, with regard to their

influences on protein degradation (proteolysis and microbial protein degradation)..

The farms are using different conservation methods. Therefore the influences of pre-wilting, DM content, harvesting methods and silaging on conservation loss, protein degradation and forage quality in regard to palatability, feed intake and animal health will be determined.

On each farm the whole grass land will be captured and categorized using soil sampling and plant social inventory.

Links

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