MANAGEMENT OF NARDETUM STRICTAE

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Introduction

Aim: which management system results in an optimum of plant composition, yield and forage quality

Material and Methods

- acid soil (Podsol)
- 820 m above sea level
- from 1960 up to 2009

- plots with 5 replications
- utilization date: 23.06. / 13.09.

TREATMENT 1

two cuts per year without any fertilization

Plant composition

Nardetum strictae persist in a typical plant composition. It’s the species richer community.

Dry matter yield and parameters of forage quality

Conclusions

- Two cuts per year without any fertilization is suitable for preservation of Nardetum strictae in regions with insufficient animal livestock.
- To achieve sustainable success utilization yearly and a suitable relationship between soil nutrients and plant diversity are necessary.