



How does grazing management and vegetation type influence selection and foraging behaviour of dairy cows on upland pastures?

M. Coppa^{1,2}, A. Farruggia², P. Pradel³, G. Lombardi¹, B. Martin²

¹Dep. AGROSELVITER, University of Turin

²INRA, U.R. Herbivores

³INRA, U.E. Unité expérimentale des Monts d'Auvergne

Objectives

Investigate **foraging behaviour** and **species selection** by **dairy cows** on **mountain** permanent grasslands under **Continuous** grazing system on **Extensive** species rich pasture and **Rotational** grazing systems on **Intensive** species poor grassland

Poster n°66 - Session n°3



Main results

In **Continuous Extensive** grazing systems, with two different vegetation within the same plot:



animals overgraze preferred fertile vegetation ("*Patch grazing*")

and walk across the less fertile area ("*Investigation grazing*")

Small size and prostrate species selected

Abundant but less fertile Poaceae avoided

In **Intensive Rotational** grazing systems, cows consume herbage "by Stratum"



Poaceae not selected