



## Milk fatty acid profile in relation to the botanical and chemical composition of Alpine pastures

Falchero L., Coppa M., Lonati M., Odoardi M., Lombardi G., Cavallero A.  
AGROSELVITER – University of Turin - Italy

***Do pasture botanical and chemical composition influence milk fatty acids in different farming conditions?***

5 farms – 3 pasture types - 9 trials

PASTURES BOTANICAL AND CHEMICAL COMPOSITION  
MILK FATTY ACIDS

Poster 62 – Session 3



### Results

**Pasture type effect:** milk from *Trifolium alpinum* pastures richer in C15:0 and C17:0

**Pasture chemical composition effect:**

- > Pasture DM → < CLA and tVA in milk
- > Pasture CP → > CLA and tVA in milk  
< ALA in milk

Preliminary results to answer the following question:  
***Could the analysis of botanical and chemical traits allow the estimation of pasture potential to produce milk with typical FA profile?***