



Studying the performances of different grass-legume-herb mixtures and grass pure stands when cut or grazed (foreground) and when facing drought stress (background).

FORAGE, GRASSLAND, GRAZING SYSTEMS

Developing sustainable grassland-based forage production systems to ensure global food security.



Research Areas

- Functional plant diversity and community structure as drivers of ecosystem multifunctionality and as adaptation and mitigation options to climate change;
- Prevention and regulation of weed species and poisonous plants in grasslands;
- Weed species and poisonous plants in grasslands;
- Sustainable management strategies for forage production of permanent and temporary grassland;
- Cultivar testing and development of grass-legume seed mixtures, fertilization guidelines.

Regions

Switzerland, many European countries, and consortia with partners from Australia, Canada, China, New Zealand, and USA.

Partners

Other Agroscope research groups; ETH; universities and applied universities of Switzerland; Swiss Grassland Society (AGFF); Agridea; and international universities and research institutes.

Contact

Agroscope
Forage Production and Grassland Systems
Reckenholzstrasse 191
8046 Zürich

Contribution to the WFSC

The group of Forage Production and Grassland contributes to sustainable food production by developing forage production strategies that optimize the use of the farm's own resources (biodiversity, manure, farm grown forage), minimize the need of external inputs (fertilizers, pesticides, feedstuff) and allow adaptation and mitigation to climate change. They contribute to the development of productive, yet environmentally friendly, grassland-based forage production systems for organic and conventional farming from lowland to alpine conditions.



Prof. Andreas Lüscher

www.agroscope.admin.ch/agroscope/en/home/topics/plant-production/forage-grassland-grazing-systems.html

