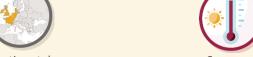




• Climate Risk Region: • Weather event addressed:







Continental Summer

• Farming System: Livestock

Dairy cows

• Farm vulnerability component: Fodder system and concentrates

• Description:

Integration of legumes in grassland

## Comments on sustainability:

Diverse grassland is more stable than grassland with a high share of grass. Especially legumes, such as alfalfa, are more drought tolerant than grass. It is also important to have fields with different grassland compositions so the risk for yield losses is spread. Furthermore, diverse grassland increases the fodder value for the animals, stores N in the soil, improve the soil structure and the biodiversity on the field and reduces N2O emissions.



## SUSTAINABILITY COMPONENTS



**GHG** emissions



Air quality



Soil



Water



**Biodiversity** 





**Animal Welfare** 



**Economic** 



Social



Technical Feasibility