

Site: CREA – CI, Foggia, Italy



Climate: continental Mediterranean climate, characterized by hot, dry summers and mild winters with occasional frost occurrences. Precipitation is predominantly concentrated in the winter season.

Altitude: 80 m a.s.l.

Average rainfall in the last 10 years: about 469 mm

Available source of irrigation: groundwater and irrigation district

Irrigation methods: sub-irrigation and surface drip line

Growing period:

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Durum Wheat		●	→	→	→	→	→	→				
Tritordeum		●	→	→	→	→	→	→				
Quinoa					●	→	→	→	→	→		
Teff					●	→	→	→	→	→		

Interventions:

- Conservation agriculture - Minimum and No tillage will be adopted, to improve soil fertility and reduce production costs
- Sub-irrigation and Surface irrigation (for summer corps) will be adopted to enhance water use efficiency
- Soil amendments (biocompost, water retention product...) will be compared in part of the experimental field
- Phenology, plant growth and final yield will be evaluated
- Soil moisture will be recorded
- Crop management, yield results, and use of final products will be disseminated

The project will be implemented in collaboration with the Agricultural Cooperatives in Foggia and the surrounding areas