

PHEN-ITALY INFRASTRUCTURES/INSTALLATIONS

Installation name	ALSIA FieldNet
Installation Location	Metaponto di Bernalda, Lavello, Pignola, Rotonda, (PT) Italy
Installation Location (GPS coord.)	See next for locations
Installation Category	– Open field
Traits analysed	Above ground
Environmental Manipulation applicable	– Water – Nutrients concentration
Stress applicable	– Drought – Biotic stress
Max Capacity	160 ha
Status	Operational
Trait measurements	– Growth – Canopy – WUE – Yield – Stress indices – Quality traits
Equipment and sensors	– Fluorescence – Agrometeo stations
References	---
Description of the infrastructure/installation	<p>Network of four experimental lean fields for open field trials. Typical crops studied are cereals (durum wheat, barley), horticultural crops (tomato, pepper, eggplant, strawberry), winter crops (fennel, cabbage, rape), officinal plants. The four experimental fields are within 4 experimental farms located in different pedoclimatic conditions:</p> <ol style="list-style-type: none"> 1)Pantanello, Experimental farm, based in Metaponto plane, close to Metapontum Agrobios Research center 2)Guadiano di Lavello (PZ), based in the north-east industrial agricultural area of Basilicata 3)Pantano di Pignola, close to Potenza city, specialized in organic farming 4)Rotonda (PZ), specialized in biodiversity characterization and officinal crops.
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