

## Basic Information:

<b>Installation Name:</b>	Nitrogen forest experiment
<b>Installation Location:</b>	Cembra (TN) Italy
<b>Installation location MAP</b>	<a href="https://www.google.com/maps/d/edit?mid=13hasa5ACAj6v93I5ItAywK8AJCz8ivv0&amp;usp=sharing">https://www.google.com/maps/d/edit?mid=13hasa5ACAj6v93I5ItAywK8AJCz8ivv0&amp;usp=sharing</a>
<b>Installation Category:</b>	Open Field
<b>Traits analysed</b>	Above ground, Below ground
<b>Environmental Manipulation:</b>	Nutrients concentration
<b>Stress applicable</b>	None
<b>Capacity</b>	12 plots (diameter 30 m)
<b>Status</b>	Operational
<b>Trait Measurements:</b>	Growth, Canopy, Structure and architecture, WUE, Stress indices

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**Equipment and sensors available (in particular for field activities)**      RGB camera, multispectral, Fluorescence

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**References:**

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**URL**

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**Contact person:**

**Name and address:** Damiano Gianelle

**Email** [damiano.gianelle@fmach.it](mailto:damiano.gianelle@fmach.it)

**Phone number** +390461 615678

**Description of the infrastructure:**

The platform offers ground (traditional fertilization) and canopy fertilization (aerial fertilization). The following experimental facilities are available: Isotopic analysis, soil analysis, dendrochronology, physiological measurements, water balance, phenology camera, continuous climate monitoring, sap flow, growth, microclimate, tree stability, radiation penetration in 12 bands, genomic evaluation of species, ion leakage.