

## Field trial 1: South-facing semiarid conditions

Main features of field trial 1. South-facing semiarid conditions

<b>Location</b>	
UTM Coordinates (ED50, N31)	261.245; 4.580.245
Municipality, province	Mequinenza, Zaragoza
Altitude	210 m
<b>Field background</b>	
Ownership	Municipality of Mequinenza, Zaragoza
Previous use	Forest (burnt on 2003)
<b>Physical characteristics</b>	
Aspect	South-South-West
Average slope	40%
<b>Climate features</b>	
Mean annual temperature	15.0 °C
Mean temp. warmest month	29.9 °C
Mean temp. coldest month	6.6 °C
Mean annual precipitation	371 mm
Summer precipitation	68.8 mm
Climate type (Köppen)	BS (Steppe climate, cold)
Climate type (Martín-Vide)	Mediterranean continental dry
<b>Plantation description</b>	
Plantation aim	Soil protection
Vegetative material chosen	Aleppo pine ( <i>Pinus halepensis</i> ) FP300 15/25 cm Provenance region: 3-Cataluña Interior
Soil preparation	40x40x40 cm pits opened with 150 HP spider excavator
Plantation scheme	3x3 m



Location of the field trial



Aerial view





Aspect of the field trial before planting





Aspect of the field trial once planted