

## Field trial 3: Hybrid walnut at Mediterranean Continental conditions

Main features of field trial 3. Hybrid walnut at Mediterranean Continental conditions

<b>Location</b>	
UTM Coordinates (ED50, N31)	378.506, 4.651.456
Municipality, province	Solsona, Lleida
Altitude	672 m
<b>Field background</b>	
Ownership	Private land
Previous use	Agriculture (wheat, barley)
<b>Physical characteristics</b>	
Aspect	Flat
Average slope	0%
<b>Climate features</b>	
Mean annual temperature	12.0°C
Mean temp. warmest month	21,4°C
Mean temp. coldest month	3,7°C
Mean annual precipitation	683 mm
Summer precipitation	165 mm
Climate type (Köppen)	Csb (temperate with dry summer, mild summer heat)
Climate type (Martín-Vide)	Mediterranean continental sub-humid
<b>Soil features</b>	
Texture	Loamy-clayish (32% clay, 40% silt, 28% sand)
<b>Plantation description</b>	
Plantation aim	Valuable timber production
Vegetative material chosen	Hybrid walnut ( <i>Juglans x intermedia</i> ) MJ-209xRa Bare root, 40/60 cm
Soil preparation	Crossed sub-soiling with chisel (45 cm) + soil stabilizer cylinder. Manual 40x40x40 cm pit excavation
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