

Mulch degradation trials

Main features of the three mulch degradation trials

| Location | | | |
|---------------------------------|-------------------------------|----------------------------------|---------------------------------------|
| UTM Coord.s (ED50, N31) | 261245; 4580245 | 477835, 4660881 | 412896; 4694183 |
| Municipality, province | Mequinenza, Zaragoza | Banyoles, Girona | Fontanals de Cerdanya, Girona |
| Altitude | 210 m | 240 m | 1400 m |
| Field background | | | |
| Ownership | Municipality of Mequinenza | Private land | Municipality of Fontanals |
| Previous use | Forest (burnt in 2003) | Agriculture (wheat, barley) | Grassland – open forest |
| Physical characteristics | | | |
| Aspect | South-South-West | South-West | South |
| Average slope | 40% | 10% | 10% |
| Climate features | | | |
| Mean annual temperature | 15.0 °C | 14.0°C | 7.5°C |
| Mean T°C warmest month | 29.9 °C | 22.0°C | 16.5°C |
| Mean T°C coldest month | 6.6 °C | 6.7°C | 0.2°C |
| Mean annual precipitation | 371 mm | 896 mm | 887 mm |
| Summer precipitation | 68.8 mm | 214 mm | 272 mm |
| Climate type (Köppen) | BS (Steppe climate, cold) | Cfb (maritime temperate) | Cfc/Dfb Temperate / Continental |
| Climate type (Martín-Vide) | Mediterranean continental dry | Mediterranean pre-coastal, north | Mediterranean Pyrenean |
| Plantation description | | | |
| Conditions related to | Field trial 1 | Field trial 6 | (S-facing area near field trials 7&8) |



Location of the 3 mulch degradation trials



Mulch degradation trial at Semi-arid conditions



Mulch degradation trial at Mediterranean humid conditions



Mulch degradation trial at Subalpine conditions