

# ALMERÍA STUDY SITE

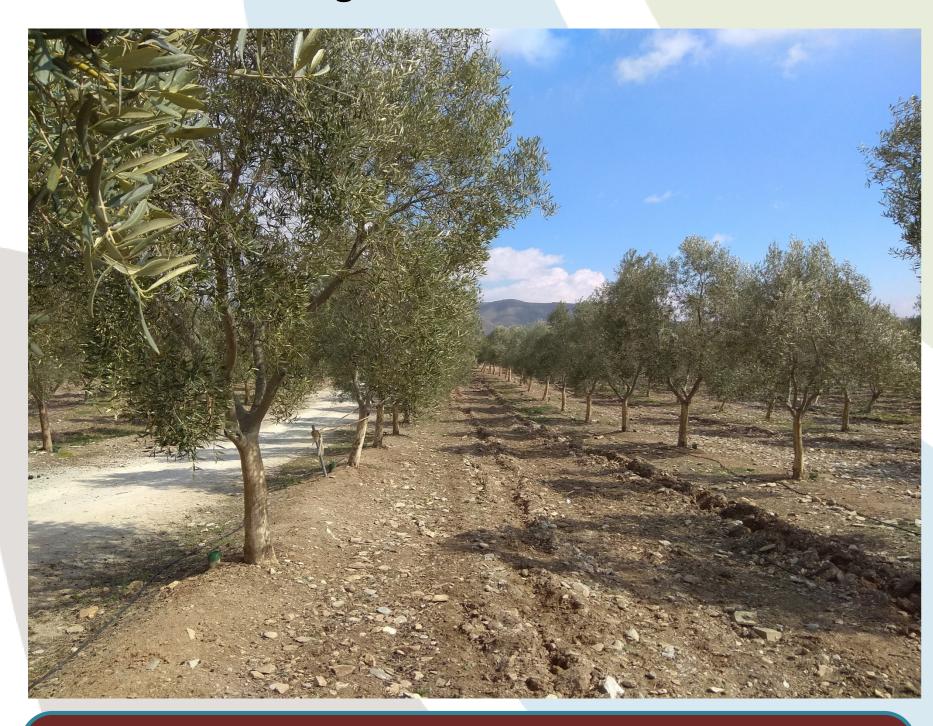
# EXPERIMENTAL SITE 2 TABERNAS



Almería Team: J. Morais, M Vasconcellos, V. Pinillos, JJ Hueso & J Cuevas.

### PLANT MATERIAL

Organic Olive Orchard



## **Treatments and Experimental Design**

• Two experiments under two different Irrigation Management

**First Experiment**: Standard Irrigation (1443 m<sup>3).</sup> Randomized Blocks

- Minimum Tillage Bare Soil (Orange)
- Minimum Tillage after Temporary
   Cover Crops (Pink)
- Minimum Tillage plus Pruning
   Residues (Blue)

**Second Experiment**: Regulated Deficit Irrigation (same 1443 m<sup>3</sup> considering critical periods). Randomized Blocks

- Minimum Tillage Bare Soil (Orange)
- Minimum Tillage after Temporary
   Cover Crops (Pink)
- Minimum Tillage plus Pruning Residues (Blue)

The **SOILCARE** project is a 5 year project aimed at identifying and evaluating promising soil improving cropping systems and agronomic techniques increasing profitability and sustainability across scales in Europe.

The SOILCARE project consortium consist of 28 partner institutes from 10 European countries The SOILCARE project is coordinated by ALTERRA, Wageningen UR, The Netherlands.

• Starting date: March 1st 2016. • Ending date: February 28th 2020. • EU contract number: 677407 EU project officer for SOILCARE: **Aneta Ryniak** – <a href="mailto:aneta.ryniak@ec.europa.eu">aneta.ryniak@ec.europa.eu</a>

Project coordinator: **Dr. Rudi Hessel** – <u>rudi.hessel@wur.nl</u> – tel. +31 317 468530

WWW.SOILCARE-PROJECT.EU

WWW WWW.SOILCARE-HUB.EU

WWW.FACEBOOK.COM/GROUPS/SOILCARE

TWITTER.COM/SOILCARE\_EU

#### **Soil Threats**

- Desertification
- Organic matter decline
- Erosion



#### **Parameters**

- Stem Water Potential
- Water Soil Content
- Flowering and Fruit Set
- Yield

Sketch

B2

B3

Sketch

**B1** 

**B2** 

**B3** 

- Fatty Content
- New Shoots growth

