

GO AVOCADO - Improvement of avocado productivity in Malaga, Cadiz, Valencian Community and the Canary Islands

Short description of the OG

The objective of this OG is to develop an avocado cultivation manual adapted to the agro-climatic characteristics of the regions of Andalusia, the Valencian Community and the Canary Islands, to increase avocado productivity in these areas.

In addition, the project aims to promote the successful expansion of the crop to new areas through the transfer of knowledge and technology related to cultivation techniques, plant material and biological control, thus consolidating Spain as the first European supplier of quality avocado produced sustainably and with a low carbon footprint.

Benefits

The implementation of the project aims to achieve a more sustainable cultivation of avocado with all that this entails, adapted to the characteristics of Mediterranean cultivation areas.

Stage of implementation

Finished in September 2021.

Key Data Box

Theme

Avocado; climate change adaptation; water-use efficiency; cover crop

Context

Mediterranean area with potential for avocado growing

Duration

2019-2021

Partners

ASAJA-Málaga, Instituto de Hortofruticultura Subtropical y Mediterránea "La Mayora" (IHSM La Mayora)

Budget

€ 3,657.30

Particularity

The OG studied different techniques to improve the productivity of the avocado crops.

Main achieved or expected results

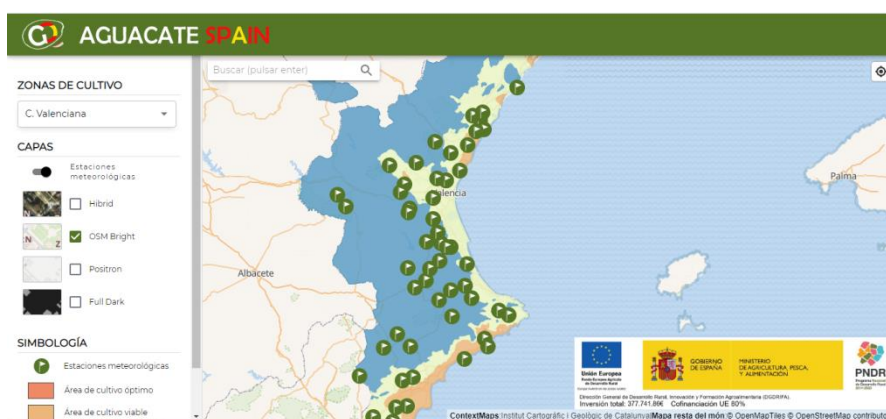
By adapting existing literature, mainly of South American origin, and conducting trials in various farms within the area of influence, we have succeeded in creating a cultivation manual tailored to the real agroclimatic conditions of the Mediterranean, with a considerable reduction in water usage compared to what is described in other countries.

Trials have been conducted on different varieties with various rootstocks to assess their potential in different areas. Thanks to these trials, farmers deciding to plant avocados can have reliable information about the performance of each variety with each rootstock in different cultivation zones.

An agroclimatic map has been developed using all the information gathered, and any farmer can use it to determine whether their plot is suitable or unsuitable for avocado cultivation.



Picture 1: Field trials of rootstocks and varieties



Picture 2: Agroclimatic map

Existing materials

Web links

Project website:

 <https://goaguacatespain.com/>

Agroclimatic map (only available for some areas of Spain):

 <https://goaguacatespain.com/mapa/>

Further reading

Manual of practical management of avocado cultivation:

 <https://www.avaasaja.org/index.php/de-interes/documentacion/item/10006-manual-de-manejo-practico-del-cultivo-del-aguacate>

Contact information

Publisher: Valencian Farmers' Association (AVA-ASAJA)
C/ Guillem de Castro, 79. 46008 Valencia (Spain)
+34 96 380 46 06, www.avaasaja.org

Author(s): Lobo Salvador, Adrián; Carreras Peris, Bárbara

Contact: info@avaasaja.org

This practice abstract was elaborated in the CLIMED-FRUIT project.

Project website: www.climed-fruit.eu

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