

Improvement of irrigation and fertilization practices at olive farms in Trás-os-Montes for its sustainability.

SustentOlive - Melhoria das práticas de rega e fertilização do olival nas explorações olivícolas em Trás-os-Montes para a sustentabilidade do olival.

COUNTRY – PORTUGAL; REGION: TRÁS-OS-MONTES

Starting date - expected end date 01.10.2017- 1.09.2021

Operational Group

In Portugal olive orchard has a high strategic position in the rural development of the country. The region of Trás-os-Montes is the second one of importance for olive cultivation. In this region, there is a lack of information of irrigation needs and the response of regional cultivars do deficit irrigation strategies to ensure rational use of water. The main goal is to improve irrigations practices and irrigation systems that maximize irrigation efficiency and optimize water productivity, ensuring the Eco-Sustainability of olive cultivation. It will be expected that results will allow to assess the response of regional cultivars to deficit irrigations strategies, based on the water use efficiency, yields and olive oil quality. This, will allow an advance on economic returns of olive groves as a result of lower costs with irrigation, increased productivity that allow to improve the competitiveness of olive sector both at national and international market.



Lead partner: University of Trás-os-Montes e Alto Douro of organisation (UTAD) (Public organisation)

Other partners

Research

- ▶ Polytechnic Institute of Bragança (IPB) - School of Agriculture (ESAB)(Public organisation)

Farmers

- ▶ Sá Morais e Castro Lda/Olive orchard
- ▶ Luis Miguel Afonso/ Olive orchard
- ▶ Casa Agrícola de Vilarelhos Lda/ Olive orchard
- ▶ Manuel Fernando Pinto/ Olive orchard
- ▶ Almira Robalo Cordeiro/ Olive orchard

SME

- ▶ APPITAD - Association of Producers in Integrated Protection of Trás-os-Montes



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