

Task force to increase polyphenols in Lleida extra virgin olive oil

Summary

The aim of this project is, through the creation of a task force made up of three companies with the technical support of two research agents that specialise in the production and improvement of olive oil in Catalonia to draft a pilot project to enable the detection of the main factors that determine the presence of a large quantity of polyphenols in extra virgin olive oil from Arbequina olives.

Objectives

1. Create a task force made up of the companies SIMBIONATUR, S.L., COOPERATIVA L'OLIVERA, S.C.C.L and AGROINDUSTRIAL CATALANA, S.C.C.L., with the support of the Catalan Olive Oil Cluster.

2. Determine the agronomic and preparation factors that increase the concentration of the phenolic components included in legislation to create a new range of oils rich in phenols, developing methods for the processing of olives and the management of the oil mill that meet the needs of the production companies.

The ultimate aim is to increase the level of polyphenols in extra virgin olive oil in order to better take advantage of the 'health' vector as an added value in the production of olive oil.

Conclusions

The task force was created with the members initially put forward and the project was drawn up as planned. The project includes the detection of the main factors that affect the final polyphenol content of the oil obtained, taking into account the management of the olives in the field, during the harvest, in their processing at the oil mill and the preservation conditions in which the oil obtained has been kept. Additionally, the project also contemplates the determination of the consumer's acceptability limit for olive oils rich in polyphenols, given the bitter and spicy sensation that characterises them.

Leader of the task force

Entity: **CATALAN OLIVE OIL CLUSTER**

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Typology of entity:

Other agents in the sector

Subject area(s) of application

Farming practice

Food quality/processing and nutrition

Geographical area(s) of application

Province(s)

Lleida

Region(s)

Urgell

Segrià

Garrigues

Dissemination of the project *(publications, seminars, multimedia...)*

Project website

www.catalanoliveoilcluster.org

More information on the project

Project dates

Starting date (month-year): March 2018
Completion date (month-year): July 2018
Current status: *Executed*

Budget approved

Total budget:	€8,500.00
<i>DARP funding:</i>	€3,391.50
<i>EU funding:</i>	€2,558.50
<i>Own funding:</i>	€2,550.00

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Generalitat de Catalunya
**Departament d'Agricultura,
Ramaderia, Pesca i Alimentació**



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