

## TROBAT - new products for the Costers del Segre Designation of Origin. New winemaking with the recovered organically grown Trobat grape variety in the Costers del Segre Designation of Origin

### Summary

The Trobat variety of *Vitis vinifera* is an ancient variety cultivated in the region of the Costers del Segre DO and is currently in the process of recovery.

The project will study the behaviour of Trobat from both the agronomic and oenological point of view, with a view to creating new market opportunities with high added value for the sector.

The study of the variety will also provide sufficient information for its future inclusion on the list of authorised varieties of the Schedule of conditions for the DO in the future.

### Objectives

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1. Introduction of new products in the market: single-variety organic wines produced using Trobat, a grape variety that was historically widely cultivated all over the DO region, and is currently in danger of disappearing.
2. Genetic enhancement of the production potential of the DO, with improved classification of a variety linked to the region, providing the end consumer with a more accurate idea of the diverse terroirs in the DO.
3. Enhancement of the tools available to the sector, wineries and wine producers, to obtain products with greater added value.

On a secondary basis, the information obtained will lead to the production of an official report which, if positive, will, along with other requirements, provide the basis for the assessment of the demand for the inclusion of this variety on the list of authorised varieties, in accordance with the applicable regulations.

Obtaining oenological routes to market wines made with the Trobat grape variety enables expansion of the product range of DO wineries, distinguishes these products and improves the identifications of the end product, the wine, with a specific region.

INCAVI will be the centre supporting the participating wineries in their achievement of the objectives, and will carry out the planned actions described in the following section.

### Description of the measures planned in the project

**Action 1**

Oenological routes for winemaking with the Trobat variety. The implementation of oenological procedures for young red and rosé winemaking wines will be studied.

Action 1.1. Must quality analysis:

Action 1.2. Analysis of various winemaking routes (INCAVI standard, carbonic maceration, sparkling, rosé and amphorae).

**Action 2**

Establishment of agronomic routes to evaluate the variety's adaptation to different soils and meteorological conditions, and to determine the best cultural practices in both dry and irrigated farming and in organic farming.

Action 2.1. Classification of soils in plots.

Action 2.2. Quantification of the vegetative and productive development of the vine.

Action 2.3. Monitoring of the health of plots.

Action 2.4. Collection of agronomic data.

**Action 3**

Dissemination of the results.

Action 3.1. Data analysis and discussion of the results obtained by the participants.

Action 3.2. Production of annual and final reports.

Action 3.3. Presentation of partial and final results in events open to the sector.

**Expected results and practical recommendations**

The main results obtained directly from the project are as follows:

- Overall knowledge of the Trobat variety of *Vitis vinifera*, a historical variety that is in danger of disappearing.
- Establishment of a procedure for the recovery, classification and new introduction of native varieties, creating synergies between the official research centres (INCAVI) and the sector (wine producers, wineries and the Regulatory Board) for more effective dissemination of the knowledge obtained.
- Increased opportunities for cultivation and production of products (grapes and wine) for wine producers and wineries.
- Positioning of new products clearly linked to specific territories on the market, with the added value of also being an organic product.

The latter two results will enable wine producers and wineries to:

- Personalise the range of grapes and wines.
- Improve the classification of the wines in the DO.
- Find out about the terroirs and sub-regions of the DO.

- Improve the genetic wealth present in the region.
- Increase the added value of products on the market.

### Leader of the Operational Group

ORGANISATION: COSTERS DEL SEGRE DESIGNATION OF ORIGIN REGULATORY COUNCIL

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### Coordinator of the Operational Group

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### Subject area(s) of application

- Agricultural production system
- Agricultural practice
- Agricultural equipment and machinery
- Livestock farming and animal welfare
- Vegetable production and horticulture
- Landscape / Territorial management
- Pest and disease control
- Fertilisation and nutrient management
- Soil management
- Genetic resources
- Forestry
- Water management
- Climate and Climate Change
- Energy management
- Waste and by-product management
- Biodiversity and environmental management
- Food quality/processing and nutrition
- Supply chain, marketing and consumption
- Competitiveness and agricultural and forestry diversification
- General

### Geographical area(s) of application

PROVINCE(S)	REGION(S)
LLEIDA	The area included in the Costers del Segre Designation of Origin.

### Dissemination of the project (publications, conferences, multimedia...)

Seminar presenting initial results of the project (2021)  
Seminar presenting final results of the project (2022)

### Project website

[www.innovi.cat/trobat](http://www.innovi.cat/trobat) (under construction)

### More information on the project

PROJECT DATES	TOTAL BUDGET
Start date (month-year): July 2020	Total budget: €163,237.03
Completion date (month-year): September 2022	DARP funding: €66,711.59
Current status: Underway	EU funding: €50,326.29
	Own funding: €46,199.15

### With funding from:

Project funded through Operation 16.01.01 (Cooperation for Innovation) through the Catalan Rural Development Programme 2014–2020.

*Order ARP/133/2017 of 21 June, approving the regulatory bases for grants for cooperation for innovation by promoting the creation of European Association for Innovation operational groups in the areas of agricultural productivity and sustainability and the execution of innovative pilot projects by those groups, and Resolution ARP/1531/2019, of 28 May, announcing the call for the grant.*



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



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