

TROBAT – New products for the DO Costers del Segre. New vinifications of the recovered variety Encontrado in organic farming in the DO Costers del Segre

Summary

The *Vitis vinifera* variety Trobat is considered an ancestral variety grown in the Costers del Segre DO and is currently in the process of recovery.

The project has studied the behaviour of Trobat both from an agronomic and oenological point of view with the aim of generating new market opportunities with high added value for the sector.

The study of the variety has also made it possible to generate enough information for inclusion on the list of authorised varieties in the DO specifications in the future.

Objectives

Objectives

1. Introduction of new products on the market: organic single-varietal wines made from Trobat, a variety of *Vitis vinifera* which has historically been widely cultivated throughout the DO and is currently in danger of disappearing.
2. Genetic enrichment of the DO's production potential, with a better typification of a variety linked to the territory, giving the end consumer a better idea of the different "terroirs" of the DO
3. Enrichment of the tools available to the sector, wineries and winegrowers, in order to obtain products with greater added value.

Secondarily, the information obtained must enable an official report to be drawn up which, if positive, will be the technical basis, together with other requirements to be assessed, of the application for the inclusion of this variety on the list of authorised varieties in accordance with current regulations.

Obtaining oenological itineraries to market wines made with the Trobat grape variety allows the range of products of the DO wineries to be extended, making these products unique and improving the identification of the final product, the wine, with a specific territory.

INCAVI has supported the participating wineries in achieving the objectives and carrying out the planned actions described in the following section.

Description of the actions carried out in the project

Action 1

Oenological itineraries for the vinification of the Trobat variety. The implementation of oenological procedures for the vinification of young red and rosé wines was studied.

Action 1.1. Must quality analysis

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

Action 2

Establishment of agronomic itineraries to assess the adaptation of the variety to different soils and

meteorological conditions, and find the best cultural practices both in dry and irrigated farming and organic farming.

Action 2.1. Classification of soils in plots

Action 2.2. Quantification of the vegetative and productive development of the vineyard 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 among the participating technicians

Action 3.2. Production of annual and final reports

Action 3.3. Presentation of partial and final results at open industry events

Final results and practical recommendations

The collaborative work done to carry out this project has yielded very positive results. The opinions of all the oenologists and technicians of the Group's partners, expressed at the various working meetings held, have enabled the foundations accepted by all the wineries to be laid for the further development of a series of hypotheses that have demonstrated greater potential.

Specifically, there is talk of continuing to work on the line of young wine with classic fermentation and vinification with amphorae. Vinification as an ancestral method sparkling wine has also been positively assessed, although with moderate interest.

The main results obtained directly from the project have been:

- Global knowledge of the *Vitis vinifera* variety Trobat, an endangered historical variety
- Establishment of a procedure for the recovery, characterisation and new introduction of autochthonous varieties that produces synergies between official research centres (INCAVI) and the sector (winegrowers, wineries and Control Board) for a more efficient dissemination of the knowledge obtained.
- Increasing the possibilities of cultivation and production of products (grapes and wine) for winegrowers and wineries.
- New products clearly linked to specific territories, with the added value of being also organic products, are put on the market.

The last two results will enable winegrowers and wineries:

- Individualising the supply of grapes and wines
- Better classification of DO wines
- Knowledge of the "terroirs" and sub-zones of the DO
- Improvement of the genetic richness present in the territory.
- To increase the added value of products on the market.

Conclusions

At the end of this operational group project, the general conclusions are as follows:

1. Two of the established winemaking hypotheses need to be further worked out
2. Once the validation period is over, the Trobat variety will be incorporated into the Catalan wine-growing potential
3. The regulatory council will begin the process of incorporating this variety into its specifications
4. The project has achieved its general objectives and has set a line for further R&D work with the

Trobat variety.

Leader of the Operational Group

ORGANISATION: REGULATORY COUNCIL OF THE DO COSTEROS DEL SEGRE

CONTACT E-MAIL: info@costersdelsegre.es

Coordinator of the Operational Group

ORGANISATION: INNOVI Association of Innovative Companies

CONTACT E-MAIL: emontcada@innovi.cat

Other members of the Operational Group (grant recipients)

ORGANISATION: CODORNÍU, SA

CONTACT E-MAIL: gbruna@codorniu.com

ORGANISATION: L'OLIVERA, SCCL

CONTACT E-MAIL: marcel@olivera.org

ORGANISATION: CERVOLES CELLER, SL

CONTACT E-MAIL: gemma@tomascusine.com

ORGANISATION: MAS BLANCH I JOVE, SLU

CONTACT E-MAIL: sara@masblanchijove.com

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 territory included in the Denomination of Origin Costers del Segre

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

Seminar to present the initial results of the project (2021)

Seminar to present the final results of the project (2022)

[Project website](#)[Video of the 2022 final results presentation day](#)[Project presentation video](#)**Project website**www.innovi.cat/trobat**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: Finalised	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.