

OLIONOSTRUM: biodiversity and innovation for a quality extra virgin olive oil (EVO)

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

OLIONOSTRUM

Tematica

Prodotti di qualità

Information

Time frame

2019 - 2021

Durata

32 months

Partners (no.)

5

Regione

Toscana

Comparto

Olivicoltura

Localizzazione

ITI18 - Arezzo

Costo totale

€318.760,76

Fonte di finanziamento principale

Programma di sviluppo rurale

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2014IT06RDRP010: Italy - Rural Development

Programme (Regional) - Toscana

Parole chiave

Landscape /land management

Biodiversity and nature management

Agricultural production system

Sito web

<http://www.olionostrum.it/>

Project status

completed



Objectives

- Obtaining a high quality oil from a commercial and nutraceutical point of view using innovative pressing techniques and exploiting the genetic characteristics of the cultivars already identified.
- Increase in oil yields.
- Definition of production techniques aimed at extending a specification for the enhancement of the already established brand
- Improvement companies profitability.
- Maintenance and enhancement of the olive landscape.
- Professional growth of olive growers and people who will have to deal with the mill by activating training and information measures.

Activities

The actions envisaged for the achievement of objectives are:

- recovery, preservation and characterization of native olive genotype belonging to the territory at risk of genetic erosion;
- agronomic and elaiological-technical enhancement aimed to a rational management of new olive plants and the production of oils of the highest quality typical and characteristic of the territory;
- will be used an oil mill prototype which foresees the use of innovative solutions for all phases of the process;
- dissemination of results and training

Context

The municipality of Bucine has activated in 2017 a three-year collaboration (2017-2019) with CNR Ivalsa of Florence for a characterization study of olive cultivars present in its territory. The cue of this research was the presence of a monumental olive tree "l'Olivone di Montebenichi" which attracted the attention of CNR technicians because it is not re-classifiable in any "standard" variety cultivated or present in the Tuscan olive groves and in the municipality of Bucine. Because of its outdated age, estimated at over 300 years, it represented something to protect, considering also the bad vegetative conditions in which prevailed. Following this, was undertaken a research on the territory involving

many olive research farms of cultivars that could have phenotypic characteristics not related to the most common of the territory.

In 2017, n° 33 different cultivars were identified, they presented unique characteristics that cannot be traced back to those normally cultivated. Of these, were taken some grafts and entrusted to a reproducer for multiplication and propagation.

Simultaneously the municipality of Bucine with the CNR has carried out a further phase of experimentation by making microfrangitures of the individual cultivars and a pressing of a blend of all the cultivars identified, using an innovative oil mill. At last, two oils were obtained: "L'Oro Verde della Valdambra" and "l'Olio della Biodiversità" which have qualitative characteristics due to the presence of polyphenols higher than oils normally produced in the same area.

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Comune di Bucine	Via Vitelli 2 52021 Bucine AR Italy	055 991271	info@pec.comune.bucine.ar.it
Partner	Azienda Agricola Bianconi Sara	Via Senese 131 52021 Bucine AR Italy	339 1309795	
Partner	Azienda Agricola Villa a Sesta	Piazza del Popolo 1 53019 Castelnuovo Berardenga SI Italy	0577 359014	info@villasesta.com
Partner	ANCI Toscana	Viale Giovine Italia 17 50122 Firenze FI Italy	055 2477490	posta@ancitoscana.it

Role	Azienda	Address	Telephone	E-mail
Partner	Università degli Studi di Firenze - Dipartimento di Scienze e Tecnologie Agrarie, Alimentari, Ambientali e Forestali (DAGRI)	Piazzale delle Cascine, 18 50144 Firenze FI Italy	055 2755700	direttore@dagri.unifi.it

Pratiche abstract

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	http://www.olionostrum.it/	Sito web
Video Biodiversity and innovation for a quality EVO oil	https://www.youtube.com/watch?v=4VeciDOxbtQ	Materiali utili
Valdarnopost	https://youtu.be/9A4QuW4e8i4	Materiali utili
Valdarnopost	https://youtu.be/Jc3qQbOMAck	Materiali utili
Valdarnopost	https://youtu.be/S9ONKjaOYgM	Materiali utili
Valdarnopost	https://youtu.be/VZ0LinWX1Lc	Materiali utili
Brochure	https://www.olionostrum.it/wp-content/uploads/2021/07/Olionostrum_Brochure_2021...	Materiali utili