

Validation of innovative protocols for the production of aromatic plant grown in Sicily

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

Val.Inn.P.O.

Tematica

Mercato e sicurezza alimentare

Information

Time frame

2020 - 2023

Durata

36 months

Partners (no.)

11

Regione

Sicilia

Comparto

Culture industriali

Localizzazione

ITG12 - Palermo

ITG14 - Agrigento

Costo totale

€500.000,00

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP021: Italy - Rural Development

Programme (Regional) - Sicilia

Sito web

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

Project status

ongoing



Objectives

The main objective of the project is the enhancement of the cultivation of aromatic / medicinal plants in Sicily, with the aim of reconverting and / or diversifying the cereal companies present in the Sicilian territory and the connection to subsequent supply chains of possible users (herbal companies, pharmaceutical industry, agri-food, etc.).

The project intends to achieve this goal through the development of a business conversion model characterized by eco-compatible cultivation systems and transformation processes in order to obtain homogeneous products, with high quality standards, at sustainable costs.

Activities

The technical and experimental activities consist in the analysis of the organic composition of plants and their organoleptic characteristics; allergy and microbiological tests; evaluation of potential toxic activities; development of multiplication and cultivation protocols; energy saving and crop protection with sustainable cultivation techniques; technologies for preservation and packaging and for food preparation.

The project also includes an important communication activity accompanied by thematic installations and permanent Open Labs, training activities for farmers and operators in the sector.

Partenariato

Validazione di protocolli innovativi per la produzione di piante officinali di interesse nutraceutico coltivate in Sicilia

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/validazione-di-protocolli-innovativi-la-produzione-di>

Role	Azienda	Address	Telephone	E-mail
Leader	Azienda Agricola Muxarello di Ciulla Salvatore	VIA F16 N. 10 92021 Aragona AG Italy		agrisinergie@gmail.com
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Role	Azienda	Address	Telephone	E-mail
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Partner	Associazione ORSA	VIALE DELL'OLIMPO N. 30A 90147 PALERMO PA Italy	0915074168	info@orsanet.it

Pratiche abstract

Description

Define cultural protocols for the main species chosen for cultivation; it is also foreseen the creation of a practical cultivation manual with well-defined protocols for the main species potentially suitable or adaptable to a local cultivation. The innovations and dissemination through Cooperation will consist in a development that starts from the needs of farms and includes:

- Cultural protocols on the varieties / species of interest;
- Database with the main qualitative characteristics obtained from variety screening for the creation of variety lists for the species of interest;
- Rules of cultivation in organic farming;
- Protocols for low temperature drying and packaging;
- Transformation processes;
- Processes for the development of new functional products;
- Extraction processes.

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	http://www.vallinpo.it/	Sito web