

Test and validation of innovative tools at low input for the protection of sugar beet grown under organic and integrated farming protocol

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

BitBIO

Tematica

Agricoltura biologica

Information

Time frame

2020 - 2022

Durata

24 months

Partners (no.)

8

Regione

Emilia-Romagna

Comparto

Culture industriali

Localizzazione

ITH55 - Bologna

ITH56 - Ferrara

ITH59 - Rimini

Costo totale

€386.295,30

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP003: Italy - Rural Development

Programme (Regional) - Emilia Romagna

Parole chiave

Climate and climate change

Pest /disease control

Biodiversity and nature management

Farming practice

Plant production and horticulture

Sito web

<https://www.bitbiocoprob.it/>

Project status



Objectives

The project general objective is to test and validate techniques of crop protection and preventive measures for the sugar beet crop grown organically, based on agro-ecological approaches aimed at reducing the use of plant protection products while concurrently improving the quality of water resources. This agro-ecological approach relying on cover crops, on the adoption of preventive defense strategies against the main phytophagous, advanced mechanical weeder and wider crop spacing, will promote crop functional bio-diversity, benefitting farm ecosystem services, soil quality and fostering water savings.

Activities

Main project activities are the following:

- Control of major insect pests (wireworms, weevils, pigmy beetle) in the sugar beet crop;
- Weed control in the sugar beet crop grown organically: study of hoeing implements exerting their activity also on the row, with concurrent test of variable row spacing;
- Analysis of the results including the environmental sustainability evaluation of the best practices, in view of their introduction into the integrated and organic cropping protocols.

The project also includes the Operative Group management, and an articulate plan of dissemination (videos, meetings, web site, handbook of best practices).

Messa a punto di strumenti innovativi di difesa a bassi input per la Barbabietola da zucchero in agricoltura biologica e integrata

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/messa-punto-di-strumenti-innovativi-di-difesa-bassi>

completed

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Co.Pro.B. - Cooperativa Produttori Bieticoli - Soc. Coop. Agricola	Via Mora, 56 40061 Minerbio BO Italy	051 6622111	giovanni.campagna@CO.PRO.B.com
Partner	Alma Mater Studiorum - Università di Bologna	Via Zamboni, 33 40126 Bologna BO Italy	051 2096210	livia.vittori@unibo.it
Partner	Azienda Agricola Badile Francesco	Via Buozi, 3 44021 Codigoro FE Italy	340 9619255	
Partner	CENTOFORM SRL	Via Nino Bixio, 11 44042 Cento FE Italy	051 6830470	diego.succi@centoform.it
Partner	Centro Agricoltura Ambiente Giorgio Nicoli	Via Sant'Agata, 835 40014 Crevalcore BO Italy	051 6802211	presidente@caa.it
Partner	FederBio Servizi	Via Girolamo Magnani, 10 43121 Parma PR Italy	0521 289375	federbioservizi@legalmail.it
Partner	Fondazione per l'agricoltura Fratelli Navarra	Via Conca 73/b 44123 Malborghetto di Boara FE Italy	0532 756110	marco.rivaroli@fondazione.navarra.it
Partner	Societa' Agricola Delta Ss	Via G. Bruno, 30/E 44039 Tresignana FE Italy	340 6620361	

Pratiche abstract

Link utili

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/messa-punto-di-strumenti-innovativi-di-difesa-bassi>

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://www.bitbiocoprob.it/	Sito web
Pagina web su COPROB	http://www.coprob.com/news/psremilia-romagna-bitbio/	Link ad altri siti che ospitano informazioni del progetto
Video di chiusura del progetto	https://www.youtube.com/watch?v=qnDrRg5Jajk	Materiali utili
Vieo Visita guidata c/o l'azienda agricola	https://www.youtube.com/watch?v=I_hNsT-A1jE	Materiali utili
MANUALE DI BEST PRACTICES	https://www.bitbiocoprob.it/wp-content/uploads/2022/05/Manuale-Best-Practices-B...	Materiali utili