

High dilution compounds as a plant defense tool with a low environmental impact

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

Padbio

Tematica

Difesa da malattie e infestazioni

Information

Time frame

2016 - 2019

Durata

36 months

Partners (no.)

7

Regione

Emilia-Romagna

Comparto

Multifiliera

Localizzazione

ITH55 - Bologna

ITH56 - Ferrara

Costo totale

€232.863,30

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP003: Italy - Rural Development

Programme (Regional) - Emilia Romagna

Parole chiave

Pest /disease control

Sito web

<https://padbio.it/>

Project status

completed



Objectives

Specific objective of the project is the introduction of high dilution compounds (called PAD) in the organic farming. The high dilution compounds are innovative compounds made by natural raw materials and with a low impact on the environment, that develops the natural resistance of the crops to biological adversity. The overall objectives are: a) To contribute to the plant disease control with tools that have low environmental impact; b) To contribute to the reduction of polluting substances on water and soil; c) To contribute to the adaptation of the agricultural systems to the climate change

Activities

The project foresees two preparatory activities: a market survey and an organic regulation survey, in order to understand the potential application area of the PADs. Afterward, the core activities will be implemented: big quantity of PADs will be produced and tested on the ground by treatments delivered on different crops. Finally, results analysis and analysis of water and soil's quality will be carried out, in order to evaluate the results achieved.

Complementary activities, namely two coaching and communication activities, will be realized, in order to assure sustainability to the project.

Partenariato

Preparati ad alta diluizione per la difesa delle piante per sistemi agricoli a basso impatto ambientale

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/preparati-ad-alta-diluizione-la-difesa-delle-piante>

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Pratiche abstract

Description

The project foresees the following main result: to verify and validate the efficacy of the PADs in plant disease control. This result will be reached by treatments on the ground, applied to a wide range of crops during the three years, and by the analysis of the results. The analysis of the results will take in consideration: plant health, yield, quality of water and soil. The project meets the needs of the organic farms participating in the GO, providing a specific tool able to defeat specific plant diseases, with low environmental impact and cheaper than the tools they currently use. Beyond the specific target group, the final target group is composed by all the organic farms in Emilia Romagna region, that could have access to an innovative tool for the plant disease control

Link utili

Preparati ad alta diluizione per la difesa delle piante per sistemi agricoli a basso impatto ambientale

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Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://padbio.it/	Sito web
Attività e risultati sulle colture selezionate dal progetto	https://padbio.it/posts/attivita-e-risultati-sulle-colture-selezionate-dal-prog...	Link ad altri siti che ospitano informazioni del progetto
Relazione finale del progetto	https://padbio.it/acm3_raisins/raisins/attachment/391682ae6253cb330f9e48d22f73e...	Materiali utili