

Sustainable Apple Orchard

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

MePS

Tematica

Difesa da malattie e infestazioni

Information

Time frame

2016 - 2020

Durata

47 months

Partners (no.)

3

Regione

Provincia autonoma di Trento

Comparto

Frutticoltura

Localizzazione

ITH20 - Trento

Costo totale

€484.091,87

Fonte di finanziamento principale

Programma di sviluppo rurale

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2014IT06RDRP011: Italy - Rural Development

Programme (Regional) - Trento

Parole chiave

Pest /disease control

Biodiversity and nature management

Farming practice

Agricultural production system

Sito web

<http://www.trentinofrutticolosostenibile.it/meps.html>

Project status

completed



Objectives

Verify the economic and environmental behavior of new system of pedestrian and/or demi-pedestrian apple orchard amangement. Moreover will be implemented new technology systems for irrigation and net protection of the tree. In this orchard system will be developed a technical protection of pests and diseases with low environmental impact. The weed control shall be reverted from chemical to mechanical. Will be implemented a new system to verify the devolopment of silent diseases through metagenomics and microbiology analysis. In the orchard shall be used a system to measure the soil biodiversity (IBS) in comparison to other environment in the Trento Province.

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Consorzio Innovazione Frutta	Via Edmund Mach 1 38010 San Michele all'Adige TN Italy	046 1824001	info@cif.tn.it
Partner	Associazione Produttori Ortofrutticoli Trentini	Via del Brennero 322 38121 Trento TN Italy	046 1824001	info@apot.it
Partner	Fondazione Edmund Mach di San Michele all'Adige	Via Edmund Mach 1 38010 Trento TN Italy	046 1615307	info@fmach.it

Pratiche abstract

Description

Sustainable Pedestrian Orchard, Method of growing with a reduced use of machine for all the operations and an improvement of the environmental sustainability due to the reduction of the use of chemical for the control of pests and diseases in integrated and organic production. Improvement of the environmental sustainability.

Description

Evaluation of the silent diseases through metagenomics and microbiology. Set of data demonstrating the complex of microbiome in a sustainable system and impact of the possible development of secondary diseases

Description

Evaluation of the level of the biodiversity in the context of the MePS and difference in other orchard management system in Trentino Province.

Link utili

Titolo/Descrizione	Url	Tipologia
Un meleto "pedonabile" per coltivazioni più sostenibili		Materiali utili
Video - ALLA SCOPERTA DEL FRUTTETO PEDONABILE E SOSTENIBILE	https://www.youtube.com/watch?v=_jRr1RseCO	Materiali utili

Titolo/Descrizione	Url	Tipologia
I primi risultati	http://www.psr.provincia.tn.it/content/download/10936/77122/file/CS_Melinda_Mel...	Materiali utili
sito web del progetto	http://www.trentinofrutticolosostenibile.it/meps.html	Sito web
Relazione finale del progetto	http://www.trentinofrutticolosostenibile.it/document/Relazione_MEPS_PROGETTO.pdf	Materiali utili