

Horticulture Finalized Organic Carbon Footprint

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

Fruttifi_Co

Tematica

Impronta carbonica

Information

Time frame

2017 - 2020

Durata

36 months

Partners (no.)

8

Regione

Emilia-Romagna

Comparto

Frutticoltura

Localizzazione

ITH55 - Bologna

ITH57 - Ravenna

ITH58 - Forlì-Cesena

Costo totale

€199.308,59

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP003: Italy - Rural Development

Programme (Regional) - Emilia Romagna

Parole chiave

Soil management / functionality

Plant production and horticulture

Sito web

<https://www.pedologia.net/it/FRUTTIFI-CO/cms/Pagina.action?pageAction=&page=Inf...>

Project status

completed



Objectives

The Project is intended to realize a carbon footprint monitoring the fruit sector in reference also to the ability of the soil to sequester organic carbon.

Activities

- Monitoring of the organic matter in the soil.
- Comparison of analytical methods for the evaluation of the organic matter in order to calculation of carbon sequestration in the soil.
- Evaluation of carbon sequestration in the soil.
- agricultural practices of the carbon footprint rating adopted in horticulture.
- Definition of guidelines aimed at better soil management for maintaining the organic matter and carbon sequestration in orchards.

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	CRPV Soc. Coop. Centro Ricerche Produzioni Vegetali	Via dell'Arrigoni 120 47522 Cesena FC Italy	0547313571	ortofrutticola@crpv.it
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Role	Azienda	Address	Telephone	E-mail
Partner	Granfrutta Zani	Via Monte Sant'Andrea 4 48018 Faenza RA Italy	0546 695211	info@granfruttazani.it

Pratiche abstract

Description

At least 2 apple selections to release as new varieties.

At least 2 pear selections to release as new varieties.

At least 2 Strawberry selections to release as new varieties.

3-4 superior hybrids, one of which is to be included into the National Register of varieties

Main project benefits/opportunities for the end-user:

Increasing the competitiveness of agricultural companies - The expected results would cause firstly the increase in competitiveness of the farms belonging to the OPs (Apofruit Italia, Apoconerpo and Orogel Fresco) involved in the Operational Group, established for the cultivation of new varieties of apple, pear, strawberry and new hybrids of asparagus.

Decrease in costs of production and increase in productivity. The availability of new apple, pear and strawberry cultivars genetically resistant to biotic and abiotic stresses and suitable for regional cultural areas, could reduce the production costs thanks to the lower amount of chemical treatments as well as the supply of water, fertilizers, thinning, etc .. Similarly, a compact plant growth habit may facilitate pruning and harvesting operations with positive effects on the costs of such operations.

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	https://www.pedologia.net/it/FRUTTIFI-CO/cms/Pagina.action?pageAction=&page=Inf...	Sito web
Pagina web del progetto	https://progetti.crpv.it/Home/ProjectDetail/27	Link ad altri siti che ospitano informazioni del progetto
Frutticoltura di qualità per ridurre i gas serra - Rivista Agricoltura marzo/aprile 2018	https://www.pedologia.net/userfiles/FileAllegato/files/rivista-agricoltura-mar-...	Materiali utili
Poster FRUTTIFI_CO Rete EIP	https://www.pedologia.net/userfiles/FileAllegato/files/FRUTTIFICO_poster.pdf	Materiali utili

Titolo/Descrizione	Url	Tipologia
Biologico e Biodinamico TerraTerra - Intervista a Massimo Biondi, progetto Fruttifi_CO	https://www.pedologia.net/userfiles/FileAllegato/files/p182_massimo_biondi_biod...	Materiali utili
Carla Scotti racconta i risultati del progetto FRUTTIFI_CO su TerraTerra	https://www.pedologia.net/userfiles/FileAllegato/files/p195_fruttifico_convegno...	Materiali utili
Opuscolo con i risultati del progetto	https://www.pedologia.net/userfiles/FileAllegato/files/FRUTTIFI_CO_opuscolo.pdf	Materiali utili
Video di Presentazione del gruppo operativo FRUTTIFICO	https://youtu.be/LqpM9Rmztqg	Materiali utili
Video del convegno finale	https://youtu.be/FNjhlLreGkw	Materiali utili