

## Maize & Vegetables using Hemp as trap crop. Reduction of cropping inputs also with Triticum spp.

### Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

MACARENA

Tematica

Emissioni di inquinanti e gas serra

Information

Time frame

2016 - 2019

Durata

36 months

Partners (no.)

4

Regione

Emilia-Romagna

Comparto

Multifiliera

Localizzazione

ITH55 - Bologna

Costo totale

€159.125,33

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

Agricultural production system

Sito web

<https://progettomacarena.eu>

Project status

completed



## Progetto MACARENA

### Objectives

Chemical input control in low impact agriculture is strictly connected to water and environmental health. MACARENA aims at reducing the use of agrochemicals via crop rotation with ancient varieties and the use of hemp as corn borer trap crop both on maize and pepper.

### Activities

The three year project is structured as it follows:

- Coordination and cooperation;
- Planning to insert hemp and ancient grains;
- Indicators selection and set up of monitoring procedures;
- Plan execution in the field;
- Prototype development;
- Dissemination;
- Training of the participants on the cropping stage as well as on the cultivation, harvesting and stocking of hemp.

Partenariato

## Mais CANapa, frumenti e ortive per la riduzione degli Input Esterni e dei Nitrati nelle Acque

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/mais-canapa-frumenti-e-ortive-la-riduzione-degli-input>

Role	Azienda	Address	Telephone	E-mail
Leader	Azienda Agricola Cenacchi Andrea	Via Bonaccorsi 17 40050 Argelato BO Italy	335431455	kutler@libero.it
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Partner	Dipartimento di Scienze e Tecnologie Agro-Alimentari - DISTAL   Università di Bologna	Viale Fanin 44 40127 Bologna BO Italy	051 2096240	distal.amm.dipartimento.respammgest@unibo.it

### Pratiche abstract

#### Description

The main expected results consists two main products:

"Use of hemp as corn borer trap crop" to reduce its impact on both mais and pepper crops. This, in turn, reduces the use of pesticides favoring the organic as well as the conventional IPM. Hemp is intended as an ecological infrastructure to attract both the corn borer (*O. nubilalis*) and its parasites.

"N fertilizer and pesticide reduction" thanks to the re introduction of hemp as well as ancient varieties of Triticum. Such crops, in rotation ask for low chemicals to reduce weeds and to live and produce. To support the reintroduction of such crops, the yield stage will be monitored and supported.

#### Link utili

Titolo/Descrizione	Url	Tipologia
MACARENA	<a href="https://progettomacarena.eu">https://progettomacarena.eu</a>	Sito web
Video - Macarena si racconta	<a href="http://www.progettomacarena.eu/video/MacarenaEstratto.mov">http://www.progettomacarena.eu/video/MacarenaEstratto.mov</a>	Materiali utili

## Mais CANapa, frumenti e ortive per la riduzione degli Input Esterni e dei Nitrati nelle Acque

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