

Organic Farm Knowledge – connecting science and practice

The core of the platform: the toolbox search directly according to tool type, language, keywords, etc.

Services: news and newsletters, events, advisory services, etc.

Automatic translation into 14 major European languages.

Browse the 6 major themes of organic agriculture: crop production, animal husbandry, soil, food chain management, environment and society and farm management.

Search for knowledge – share knowledge

The Organic Farm Knowledge platform provides access to a wide range of tools and resources about diverse topics related to organic farming.

The core of the platform is the toolbox, where all “tools” can be searched according to the interests of the user. Tools range from videos to calculations tools and factsheets.



Home >> Tool

← BACK

Flower strips: a tool for pest control in greenhouses (Greenresilient Practice abstract)

PDF [EN]

Problem

In greenhouses, pests are very often responsible for yield and quality losses. Control methods implemented by producers, like prophylaxis, biocontrol with mass releases of natural enemies, and approved pesticides, are sometimes insufficient. One reason for this is that natural enemies often require not only pests as prey but also other resources, such as nectar and pollen, to survive and reproduce, which are often in limited supply in greenhouse crops.

Solution

Establishing flower strips in greenhouses can support introduced and native natural enemies, thereby improving biological pest control in vegetable crops. When suitable plant species are selected and established at the appropriate time and place, this can provide the right resources for a diverse community of natural enemies.

Description

Flower strips enhance the survival and reproduction of natural enemies and support an active community of natural enemies in greenhouses, contributing to better, more reliable pest control and reducing dependence on expensive external inputs (reared beneficial insects, approved pesticides). This Greenresilient Practice Abstract provides practical recommendations for planting flower strips.

Related links

- <https://orgprints.org/38705/>
- <https://www.youtube.com/watch?v=XiuLcZ5dANY&t>
- <http://www.grab.fr>
- <https://www.greenresilient.net/experimental-sites/france.html>

Practice abstracts

Projects
GreenResilient

Average rating to the tool: 0 ★
Number of ratings to the tool: 0
Give your rating to the tool: 0 ★

Applicability

THEME

Crop production Weed management
Cropping systems Horticulture
Environment and society
Biodiversity and nature conservation

LANGUAGES
English (USA)

KEYWORDS
horticulture protected cultivation
plant disease control greenhouse crops
plant protection pest control
integrated pest management natural enemies

YEAR OF RELEASE
2021

COUNTRY OF ORIGIN
France

CONTACT
jerome.lambion@grab.fr

NUMBER OF PAGES
1

MORE ABOUT THE TOOL ON ORGANIC EPRINTS

Disqus

In order to use the comment function, you must register with the third-party provider "Disqus". When you activate this function, your browser establishes a direct connection with the servers of the third-party provider. We would like to point out that data is transmitted to the third-party provider after activation, and the latter may set cookies that can also be used for analysis and marketing purposes. For more information, please refer to our [privacy policy](#).

ACTIVATE

Tool type.
Associated project(s) information.
Direct download of link to tool.

Option to rate tool.
Preview of tool.

Applicability box: theme, languages, keywords, year, country issuing organisation, contact and link to Organic Eprints.

Problem, solution and description of the tool.

Relevant links related to the tool.

‘Disqus’ discussion tool: for commenting and discussing tools and themes.

Development and collaborations

Since 2017, the platform has made major strides thanks to the Horizon 2020 project OK-Net Arable and its follow-up project, OK-Net EcoFeed. These projects founded and built this platform from its roots, synthesised existing knowledge and co-developed new tools with farmers.

Several other research projects already collaborate with Organic Farm Knowledge, utilising the platform to disseminate their practice-oriented results. The knowledge platform is open to further collaborations, which enable the continued growth of knowledge provision by increasing its range of available tools.

Goals

- Increase the sustainability, productivity and quality of organic farming across Europe.
- Disseminate existing practical knowledge and research innovations in organic agricultural research and innovation.
- Facilitate knowledge exchange among farmers, farm advisers and scientists.



Exchange knowledge, enhance organic farming
organic-farmknowledge.org
organic-farmknowledge@fibl.org



Organic Farm Knowledge is a product of OK-Net Arable and OK-Net EcoFeed. These projects have received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreements No. 652654 and No. 773911 respectively.