



Workshop DOMINO 16th of March 2021: "Making organic fruit growing more resilient – lessons learned from the Project DOMINO"

Organic fruits production is characterized by a 'conventionalization' of the management methods that are frequently reducing biodiversity and depend largely on external inputs to maintain soil fertility and assure plant protection. There is thus the need to introduce new strategies using multifunctional cover crops which can improve also the economic return of orchards.

The research done in the project DOMINO (Dynamic sod mulching and use of recycled amendments to increase biodiversity, resilience and sustainability of intensive organic fruit orchards and vineyards) aims at improving the long-term sustainability and the ecological foot print of intensive organic fruit production. Therefore, our digital workshop will present lessons learned of three years of research on the following topics:

1. **Biodiversity and ecosystem services:** Increasing the biodiversity of organic fruit orchards and vineyards by the introduction of new crops or companion plants in the tree row and the assessment of ecosystem services of such systems.
2. **Fertilisation:** Testing of regionally available recycling fertilisers and leguminous intercrops to improve nutrient balances and ecosystem services.
3. **Plant Protection:** Evaluating partly closed cover systems to support non-chemical pests and diseases control.

The trials have been carried out in the following countries: Italy, Germany, Poland, France, Bulgaria and in Switzerland.

We would like to share our results and experiences with you and we are looking forward to lively discussion of our findings!

Online-Workshop: Making organic fruit growing more resilient – lessons learned from the Project DOMINO

16/03/2021, 09:00 - 16:15

Time	Introduction
From 09:00	Login open for participants. Links to project videos will be available.
09:30	Opening of the Workshop and Presentation of the Project DOMINO Davide Neri, Department of Agricultural, Food and Environmental Sciences, Università Politecnica delle Marche, Italy
Time	Part I // Strategies to Improve and Assess Biodiversity in Organic Orchards
09:45	Keynote: Challenges of enhancing biodiversity in permanent crops. Solutions from agroecology. Paolo Bàrberi, Institute of Life Sciences, Sant'Anna School of Advanced Studies, Italy
10:30	Coffee Break
10:40	Living mulches to improve biodiversity in orchards and vineyards Maria-Martha Fernandez, Centre Technique Interprofessionnel des Fruits et Légumes, France
11:10	Soil biodiversity and ecosystem services: possible quantification for economic purposes Eligio Malusà, National Institute of Horticultural Research, Skierniewice, Poland and Patrizia Borsotto, CREA Centre for Agricultural Policies and Bioeconomy, Italy
11:40	Concluding Discussion on Part I // Strategies to Improve and Assess Biodiversity in Organic Orchards Moderator: Davide Neri, Department of Agricultural, Food and Environmental Sciences, Università Politecnica delle Marche, Italy
12:00	Lunch Break
Time	Part II // New Fertilisation Strategies for Organic Apple Orchards
13:00	Fertilisation in Organic Farming – Challenges and Potentials Else Bünemann-König, FIBL, Switzerland
13:30	Evaluation of alternative fertilisers for organic apple growing Fertilisation Thomas Holtz, Group Organic Farming, Laimburg Research Center, Italy, Ewa Furmanczyk, National Institute of Horticultural Research, Skierniewice, Poland and Sabine Zikeli, Center for Organic Farming, University of Hohenheim, Germany
14:25	Short Screen Break
14:30	Concluding discussion for Part II // New Fertilisation Strategies for Organic Apple Orchards Moderator: Eligio Malusà, National Institute of Horticultural Research, Skierniewice, Poland
14:50	Coffee Break
Time	Part III // Sheltered Apple Production
15:15	Sheltered Production with Nettings Clémence Boutry, FIBL, Switzerland and Thomas Holtz, Group Organic Farming, Laimburg Research Center, Italy
15:45	Concluding Discussion for Part III // Sheltered Apple Production Moderator: Michael Friedli, FIBL Switzerland
16:00	Closing of the Web Workshop Davide Neri, Department of Agricultural, Food and Environmental Sciences, Università Politecnica delle Marche, Italy and Markus Kelderer, Group Organic Farming, Laimburg Research Center, Italy

On **March 16**, the online workshop "**Making organic fruit growing more resilient – lessons learned from the Project DOMINO**" will be held on **Zoom** starting at **09:00 am**. The Zoom link for the event will be sent to you personally after registration.

Registration and technical requirements for participation:

For this online event you will need a good internet connection that allows the transmission of video. Furthermore, either Mozilla Firefox, Chrome, or Zoom desktop client is required. A microphone and speakers/headphones are required. It also works with integrated hardware (e.g. in laptops).

Please **register** for the event using the following link:

https://uni-hohenheim.zoom.us/webinar/register/WN_uVYEiOJDQtKu88DcoQ_r2A

After registration you will receive a confirmation email and on the **10th of March** the link to join the virtual conference. If you have any questions about registration, please contact Julia Schneider at domino@uni-hohenheim.de.