



Contentious inputs in organic agriculture

June 2nd - 30th 2022

Free but mandatory registration

To attend all the session or a specific one, you may register at:

<https://ja.cat/2022-inscripcio-inputs>

This course is part of the OrganicPLUS project, within the European Horizon 2020 program. This project, which began in 2018 and ends in the autumn of this year, aims to find alternatives to certain contentious inputs, used broadly in organic farming in three major areas: Crops, Livestock and Soils. 25 partners from 12 countries, coordinated by Coventry University, took part in it. The Escola Agrària de Manresa, which makes 50 years this 2022, has had the pleasure of being part of this project and organize the present course. Through 7 online sessions and 2 visits, we want to spread the results more achieved, not only with the OrganicPLUS project, but also with the analogous H2020 project called RELACS which ended this spring. The course will be represented by experts from both projects, and will be in English subtitled to Catalan. Those interested will be able to register for the entire course free of charge and also for specific days, each of which will correspond to a different contentious input. The two visits have a maximum allowed, in strict order of registration, and will be able to follow online, as some summary videos will be published, in Catalan with English subtitles.

Thursday June 2nd: Alternatives to copper in organic agriculture

On-line event

9.00- 9.15 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.15- 9.20h Why is contentious the use of cooper?

Nikolaos Katsoulas, University of Thessaly



9.20- 9.35 Preventive farm management for copper reduction in greenhouse crops.

Nikolaos Katsoulas, University of Thessaly

9.35- 9.55h Alternatives to copper in olive tree crops

George Nanos, University of Thessaly

9.55- 10.20h Alternatives to copper in citrus tree crops

Gabriella Cirvilleri, Department of Agriculture, Food and Environment (Di3A) - Plant Pathology Section, University of Catania, Italy

10.20- 10.45 h. Alternatives to copper in greenhouse crops: tomato case

Miguel de Cara, IFAPA -Centro La Mojonera (Almería)

10.45- 11.00h. Sustainability assessment tools RISE. Case study: copper

Frank W. Oudshoorn, Innovation Center for Organic Farmer

11.00 – 11.20h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

11.20- 11.45h. Questions and comments

11.45h. End of session

Tuesday June 7th: Alternatives to mineral oils and sulphur in organic agriculture

On-line event

9.15- 9.30 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.30- 9.35h Why is contentious the use of mineral oils and sulphur in agriculture?

Vincenzo Verrastro, CIHEAM-IAMB

9.35- 10.00h Alternatives to mineral oils and sulphurs in organic agriculture

Vincenzo Verrastro, CIHEAM-IAMB

10.00- 10.20h Sustainability assessment of mineral oil alternatives with LCA

Erica Montemayor, IRTA.



10.20 – 10.40h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

10.40- 11.00h. Questions and comments

11.00h. End of session

Thursday June 9th: Alternatives to fertilisers from non-organic sources in organic agriculture

On-line event

9.15- 9.30 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.30- 9.35h Why is contentious the use of fertilisers from non-organic sources?

Sabine Zikeli, Hohenheim University

9.35- 9.55h Marine-derived fertilisers; a new fertiliser product

Anne-Kristin Løes, NORSØK

9.55- 10.15h Anaerobically digested food waste as fertiliser

Casper Laursen, ICOEL

10.15- 10.35h Vegan fertilizer

Dennis Touliatos, Coventry University

10.35- 10.55h Alternative fertiliser in a vegetable crop rotation - effects on the main crop and the following crops

Carolin Weiler, Center for Organic Framing, Hohenheim University

10.55- 11.10h Sustainability assessment and example of farms using conventional manure

Frank W. Oudshoorn, Innovation Center for Organic Farmer

11.10 – 11.30h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

11.30- 11.45h. Questions and comments

11.45h. End of session



Tuesday June 14th: Alternatives to peat in organic agriculture

On-line event

9.15- 9.30 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.30- 9.50 h Need of peat replacement: the experience in United Kingdom. Seedling production.

Judith Conroy, Coventry University.

Dr Francis Rayns, Centre for Agroecology, Water and Resilience, Coventry University

9.50- 10.25h Peat alternatives in seedling production and pot crops under Mediterranean climate. Turkey and Catalonia examples.

Alev Kir, Ministry of Agriculture and Forestry of Turkey

Rafaela Cáceres, IRTA

Joan Manubens, Escola Agrària de Manresa

10.25- 10.50h Sustainability assessment

Margi Lennartsson, Senior Research Associate, RHS and Associate Professor in Organic Horticulture, Centre for Agroecology, Water and Resilience, Coventry University.

10.50- 11.05h Decision support tools and phase-out scenarios

Ulrich Schmutz, Coventry University

11.05 – 11.15h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

11.15- 11.40h. Questions and comments

11.40h. End of session

Thursday June 16th: Visits to innovative farms that phase-out contentious inputs

Attended visit

9.00h Travel to el Masnou

Meeting point in can Poc Oli, Manresa



10.15h Visit the Farm Aurora del camp: alternatives to contentious inputs

<http://www.auroradelpcamp.com/cat/top/home/>

13.00 h Travel back to Manresa

14.00h. Arrival to Manresa

Friday June 17th: Visits to innovative farms that phase-out contentious inputs

Attended visit

8.30h Travel to Claret dels Cavallers

Meeting point in can Poc Oli, Manresa

**9.15h Visit to Farm Claret de Cavallers: alternatives to antibiotics and antihelmintics.
Workshop: Preparation of phytotherapeutic products**

<https://www.facebook.com/lapetitaqranjadeclaret/>

11.00h Travel to Viver i Serrateix

11.45h Visit to Agroviver: alternatives to peat

www.agroviver.com

13.15h Travel back to Manresa

13.50h. Arrival to Manresa

Tuesday June 21st: Alternatives to plastic mulch and other plastics from fossil fuels in organic agriculture

On-line event

9.15- 9.30 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.30- 9.40 h Why is contentious the use of plastics in agriculture?

Judith Conroy, Coventry University.

9.40h- 10.05h Alternatives to plastic mulch in organic agriculture

Dr Francis Rayns, Centre for Agroecology, Water and Resilience, Coventry University



10.05-10.30h Alternatives to other plastics from fossil fuels in organic agriculture

Krystyna Malińska, Częstochowa University of Technology

10.30- 10.45h Sustainability assessment of plastic mulch alternatives

Erica Montemayor, IRTA

10.45- 11.00h Microplastics in agriculture: A growing concern and potential solutions

Anna Bogush, Coventry University

11.00 – 11.10h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

11.10- 11.30h. Questions and comments

11.30h. End of session

Tuesday June 28th: Alternatives to antibiotics and synthetic vitamins in organic livestock

On-line event

9.15- 9.30 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.30- 9.35h Why is contentious the use of antibiotics and synthetic vitamins in livestock?

Lluís Vila, Projecte LLavora

9.35h- 9.55h Alternatives to antibiotics and synthetic vitamins in organic pig production

Lluís Vila, Projecte LLavora

9.55- 10.20h Strategies to enhance organic beef and dairy health status

Dr. Massimo De Marchi, professor University of Padova. Leader of WP-Livestock in Organic-PLUS.

10.20- 10.45h Plant feed additives as substitute of synthetic vitamins and alternative bedding materials in organic poultry production

Dr. Federico Righi, professor of animal nutrition at the University of Parma. Co- leader of WP-Livestock in Organic-PLUS.

10.45- 11.00h Sustainability assessment of farms using alternatives to antibiotics

Frank W. Oudshoorn, Innovation Center for Organic Farmer



11.00- 11.20h Farmers' perception of contentious inputs in organic production

Carmen Loreto Manuelian, Università de Padova

11.20- 11.35h Will we be able to face out antibiotics in organic animal husbandry in the future?

Michael Walkenhorst, FiBL

11.35 – 11.55h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

11.55- 12.15h. Questions and comments

12.15h. End of session

Thursday June 30th: Alternatives to antiparasitic in organic livestock

On-line event

9.15- 9.30 h Welcome to the International course

Ulrich Schmutz, Coventry University

9.30- 9.35h Why is contentious the use of antiparasitic in livestock?

Berit Marie Blomstrand, NORSØK

9.35h- 9.55h Alternatives to antiparasitic in organic sheep production

Berit Marie Blomstrand, NORSØK

9.55- 10.20h Alternatives to antiparasitic in organic pig production

Stig Milan Thamsborg, University of Copenhagen

10.20- 10.40h Alternatives to anthelmintics in organic small ruminants

Spiridoula Athanasiadou, SRUC.

10.40 – 10.50h. Future of ecological production and research in Europe

Lucius Tamm, FiBL.

10.50- 11.20h. Questions and comments

11.20- 11.30. Closure of the International Course in Contentious Inputs

Glòria Colom, Escola Agrària de Manresa

11.30h. End of session

