

Agroecological Farming: the example of organic agriculture

Program Spring Semester 2025

- Responsible: **Dr. Else Bünemann-König and further lecturers**
Research Institute of Organic Agriculture
else.buenemann@fibl.org
- Time: Fridays from 08:15-10:00

online > **MS Teams LINK** (click to launch meeting)
Teams ID: 355 869 778 089; Code: 2G7CEF
- Excursions: DOK long-term system comparison experiment in Therwil and
community supported agriculture at the Birsmattehof
16 May 2025; 13.00-16.30

FiBL research institute in Frick: experimental platform for animal
sciences, long-term experiment on reduced tillage, orchards
23 May 2025; 8:30-12:00
- Coordinator: Maura Ellenberger, maura.ellenberger@fibl.org

Detailed program

Subject	Date	Content	Lecturers
1. Introduction	21.02.2025	Aims of the lecture, history of organic farming, principles, current market shares, legal background and private standards.	Else Bünemann, Bernadette Oehen
2. Soil	28.02.2025	Soil fertility and climate impact of organic agriculture, including results of long-term experiments and meta-analyses.	Hans-Martin Krause
3. Plant production	07.03.2025	Sustainable crop rotations and nutrient management in organic agriculture.	Else Bünemann
4. Agro-Biodiversity and plant protection (part I)	21.03.2025	1) Plant protection: Regulation of diseases. 2) Plant breeding and variety choice for organic production.	Barbara Thürig Mariateresa Lazzaro
5. Agro-Biodiversity and plant protection (part II)	28.03.2025	Plant protection: Regulation of pests and agro-biodiversity.	Dani Lucas-Barbosa
6. Policy	04.04.2025	Overview of organic support policies.	Sabine Reinecke
7. Animal husbandry	11.04.2025	Sustainability, ethics and product quality in organic animal husbandry.	Florian Leiber
8. Sustainability and food systems	25.04.2025	What can organic agriculture contribute to sustainable food systems?	Christian Schader
9. Tropics & Food quality	02.05.2025	Organic agriculture in the tropics.	Akanksha Singh
10. Inspection & Certification	09.05.2025	Inspection & certification of organic farms.	Farzaneh Mahdipour
Excursion I	16.05.2025 13.30-16.30	DOK long-term system comparison experiment and Agrico farm Bismatthof in Therwil	Hans-Martin Krause Alexander Tanner
Excursion II	23.05.2025 08:15-12:00	FiBL farm: excursion to the Research Institute of Organic Farming in Frick	Meike Grosse Michael Friedli/ Clémence Boutry Florian Leiber/ Ariane Maeschli Pascale Nägele