

## FiBL lecture

# Introduction to organic farming systems

### Programme spring semester 2024

Responsible:	<b>Else Bünemann</b> Bernadette Oehen Further lecturers from FiBL and bio.inspecta AG
Lecture:	10 lectures, weekly from 1 March to 17 May 2024
Time:	Friday, 8:15 to 10:00 am, online on MS Teams
Excursions:	I DOK long-term system comparison experiment in Therwil and community supported agriculture at the Birsmattehof 24 May 2024; 13:30-16:30 pm  II FiBL farm in Frick: experimental platform for animal sciences, long-term experiment on reduced tillage, orchards 7 June 2024; 8:30-12:00 am
Certificate:	All participants who have attended 8 out of 10 lectures will receive a certificate of attendance  PowerPoint presentations related to the lectures will be made available on Teams and on OwnCloud
Contact:	Maura Ellenberger, <a href="mailto:maura.ellenberger@fibl.org">maura.ellenberger@fibl.org</a>
Website:	<a href="https://lectures.fibl.org">lectures.fibl.org</a>

**Frick, 04.03.2024, V5**

## Detailed programme

Topic	Date	Detailed content	Lecturer
<b>1. Introduction</b>	1 March	Aims of the lecture, history of organic farming, principles, current market shares, legal background and private standards	Else Bünemann, Bernadette Oehen
<b>2. Soil</b>	8 March	Soil fertility and climate impact of organic agriculture, reduced tillage including results of long-term experiments and meta-analyses	Paul Mäder
<b>3. Plant production</b>	15 March	3.1 Sustainable crop rotations 3.2 Nutrient management in organic agriculture	Else Bünemann
<b>4. Agro-Biodiversity and plant protection (part I)</b>	22 March	4.1 Plant protection: Regulation of diseases 4.2 Plant breeding and variety choice for organic production	Barbara Thürig Mariateresa Lazzaro
<b>5. Agro-Biodiversity and plant protection (part II)</b>	5 April	5.1 Plant protection: Regulation of pests 5.2 Strategies of organic farmers to increase biodiversity	Dani Lucas-Barbosa, Stephanie Saussure
<b>6. Policy</b>	12 April	Overview of organic support policies	Jörn Sanders
<b>7. Animal husbandry</b>	19 April	Sustainability, ethics and product quality in organic animal husbandry	Florian Leiber
<b>8. Sustainability and food systems</b>	26 April	What can organic agriculture contribute to sustainable food systems?	Christian Schader
<b>9. Tropics &amp; Food quality</b>	3 May	9.1 Organic agriculture in the tropics 9.2 Quality of organic food, food processing	Akanksha Singh Ursula Kretzschmar
<b>10. Inspection and certification</b>	17 May (1 lecture only)	Inspection and certification	Farzaneh Mahdipour
<b>Excursion I</b>	24 May 13:30-16:30	DOK long-term system comparison experiment and Agrico, Therwil	Paul Mäder and others
<b>Excursion II</b>	7 June 8:15-12:00	FiBL farm: excursion to the Research Institute of Organic Farming in Frick	Else Bünemann and others