

## MX0146 - Sustainable food production - challenges and cropping system solutions 2024

L= lecture, E= exercise, A= assessment

*E & A are compulsory participation (attendance or replacement assignment)*

**All activities take place in the room Sal T (Ulls Hus, Ultuna campus)**

Week	Date	Time	Title	Teacher	Type
3	Tue 16-Jan-24	17.15–20.00	Course Introduction	FB & JC	L
			Introduction to sustainable cropping systems: why are they important?	GB	
4	Tue 23-Jan-24	17.15–20.00	Major food crops and their sustainability challenges	GB	L
5	Tue 30-Jan-24	17.15–20.00	Major food crops and their sustainability challenges	GB	E
6	Tue 06-Feb-24	17.15–20.00	Plant-based protein production systems	ML	L
7	Tue 13-Feb-24	17.15–20.00	Plant-based protein production systems	ML	E
8	Tue 20-Feb-24	17.15–20.00	Introduction to project work	FB & JC	L
			Integrated pest management - insects, diseases, and weeds	FB, ED & DH	
9	Tue 27-Feb-24	17.15–20.00	Integrated pest management - insects, diseases, and weeds	FB, ED & DH	E
10	Tue 05-Mar-24	17.15–20.00	Plant nutrient management for efficient crop production and reduced environmental impact	HA	L
11	Tue 12-Mar-24	17.15–20.00	Plant nutrient management for efficient crop production and reduced environmental impact	HA	E
12	Tue 19-Mar-24	17.15–20.00	Global perspectives on challenges to agricultural sustainability	ML	L
13	Tue 26-Mar-24	17.15–20.00	Global perspectives on challenges to agricultural sustainability	ML	E
14	Tue 02-Apr-24	-	EASTER BREAK	-	-
15	Tue 09-Apr-24	17.15–20.00	Introduction to Life cycle assessment	PT	L
16	Tue 16-Apr-24	17.15–20.00	Climate change and cropping systems: the two way interactions	ML	L
17	Tue 23-Apr-24	17.15–20.00	Climate change and cropping systems: the two way interactions	ML	E
18	<b>Thu 02-May-24</b>	17.15–20.00	Organic production	JS & KU	L
19	Tue 07-May-24	17.15–20.00	Organic production	JS & KU	E
20	Tue 14-May-24	17.15–20.00	Project presentation	FB & JC	A
21	Tue 21-May-24	17.15–20.00	Project presentation	FB & JC	A
22	Tue 28-May-24	17.15–20.00	Project presentation, conclusions, and evaluation	FB, JC & RG	A

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