

Master degree course

ORGANIC AGRICULTURE

Department of Soil Management,
Lithuanian University of Agriculture,
Kaunas, Lithuania

May 22-26 , 2006

Course topics

- Organic agriculture – development and perspective (biodiversity and standards) (*V.Pilipavičius.*)
- Principles and values of organic farming, with exercises (*J.Rasmussen*)
- Soil as a main component of the ecosystem
- Improvement of the soil fertility by the agro-technical means (*P. Lazauskas*)
- Nutritional balance in organic farming (*P.Lazauskas*)
- Crop cultivation (*V. Pilipavičius*)
- Weed control strategy (*J.Rasmussen*)
- Principles of weed ecology
- Catch crops in organic agriculture (*V.Boguzas*)
- Control of pests and diseases in organic agriculture (*A. Luik*)
- Perennial Grasslands (*Dz. Kreismane*)
- Farm conversion (*V.Pilipavičius*)
- Field trips
 - Experimental station of LZUU
 - Kazliskiai organic farm of LZUU
- Presentation of course participants research projects and discussion
- Group activities. Discussions.

All lectures will take place in the Central building of University, 2nd floor, room 261

The first 5-10 minutes each day will be used to start up the day's activities

Timetable (preliminary)

May, 21

9⁰⁰-17⁰⁰ Arrivals

May, 22

9⁰⁰-9²⁰ Official opening of the course, *Dean of Agronomy Faculty*
9²⁰-10⁰⁰ Organic agriculture – development and perspective *Assoc.Prof. V.Pilipavicius*
10⁰⁰-10⁴⁰ Introduce of participants (short presentation about her/his self);
Hanging up of prepared posters during distance learning phase.
10⁴⁰-10⁵⁰ *Coffee/Tea break*
10⁵⁰-12⁰⁰ Principles and values of organic farming, with exercises *Assoc.Prof J.Rasmussen*
12⁰⁰-13⁰⁰ *Lunch*
13⁰⁰-13⁴⁰ Principles and values of organic farming, with exercises *Assoc.Prof J.Rasmussen*
13⁴⁰-14²⁰ Soil as a main component of the ecosystem
14²⁰-14³⁵ *Coffee/Tea break*
14³⁵-16⁰⁰ Improvement of the soil fertility by the agrotechnical means *Prof. P.Lazauskas*
16⁰⁰-16³⁰ Short presentation of LZUU and visit of the museum of LZUU
17⁰⁰ *Presentation of course participants (informal) during the ice-breaking evening*

May, 23

9⁰⁰-10²⁰ Principles of weed ecology
10²⁰-10³⁵ *Coffee/Tea break*
10³⁵-12⁰⁰ Weed control strategy in organic agriculture *Assoc.Prof. J.Rasmussen*
12⁰⁰-13⁰⁰ *Lunch*
13⁰⁰-14²⁰ Catch crops in organic agriculture *Assoc.Prof. V.Boguzas*
14²⁰-14³⁵ *Coffee/Tea break*
14³⁵-16⁰⁰ Crop cultivation (+ workshop) *Assoc.Prof. V. Pilipavičius*

May, 24

9⁰⁰-10²⁰ Nutritional balance in organic agriculture *Prof. P.Lazauskas*
10²⁰-10³⁵ *Coffee/Tea break*
10³⁵-12⁰⁰ Group activities (practical exercise - calculation and presentation of nutritional balance in organic agriculture) *Prof. P.Lazauskas*
12⁰⁰-13⁰⁰ *Lunch*
13⁰⁰-14²⁰ Control of pests and diseases in organic agriculture *Prof. A. Luik*
14²⁰-14³⁰ *Coffee/Tea break*
14³⁰-17⁰⁰ Field trip to Kazliskiai Organic farm and Experimental station of LZUU.
Assoc.Prof. V.Pilipavicius, Prof. P.Lazauskas

May, 25

9 ⁰⁰ -10 ²⁰	Control of pests and diseases in organic agriculture II	Prof. A. Luik
10 ²⁰ -10 ³⁵	<i>Coffee/Tea break</i>	
10 ³⁵ -12 ⁰⁰	Presentation of course participants' research projects (Prepared during distance learning phase)	
12 ⁰⁰ -13 ⁰⁰	<i>Lunch</i>	
13 ⁰⁰ -14 ²⁰	Perennial Grasslands	<i>Dz. Kreismane</i>
14 ²⁰ -14 ³⁵	<i>Coffee/Tea break</i>	
14 ³⁵ -16 ⁰⁰	Farm conversion	Assoc.Prof. V. Pilipavičius
18 ⁰⁰	<i>Closing dinner</i>	

May, 26

9 ⁰⁰ -10 ²⁰	Group activities (planning of farm conversion) (planning and presenting of farm conversion model)	Assoc.Prof. V. Pilipavičius
10 ²⁰ -10 ³⁵	<i>Coffee/Tea break</i>	
10 ³⁵ -11 ⁰⁰	Final discussion and evaluation of the course	Assoc.Prof. V.Pilipavicius
11 ⁰⁰ -11 ³⁰	Closing of the course	
11 ³⁰ -12 ³⁰	<i>Lunch</i>	