



SUMMER SCHOOL IN SUSTAINABLE HORTICULTURE



The School will be focussed on basic aspects of sustainable and organic agriculture. Vegetable and fruit sustainable production systems and techniques will be specifically treated. Major emphasis will be on environmental aspects and quality of produce as affected by sustainable techniques.

The course is aimed to improve undergraduate and graduate (PhD) students and young researchers, knowledge on sustainable principles and techniques.

ADDITIONAL INFORMATION

The School will be held at the College of Agriculture of Padova University – Legnaro from the 14th to the 19th of September 2009.

Classes will last from 9.00 am till 12.30 am and from 2.00 pm till 5.15 pm from Mon. through Fri.

The School will be taught in English.

Only 25 students will be accepted

Cost: 800€including lodging, lunches, didactic material (and gadgets)

100€discount for SOI members

The whole Course is of 34 h of lectures and it is worth 4 credits.

Expression of Interest should be sent before Friday June 5th to:

Dr. Francesco Baroncini soifi@unifi.it

For any other information:

Prof. Paolo Sambo paolo.sambo@unipd.it

Program

Monday 14/09/2009

- 9.00-10.00** Welcome of the Dean of the College of Agriculture (Prof. R. Cavalli)
Welcome of the President of the Italian Society of Horticulture (Prof. P. Inglese)
Introduction of the course (Prof. P. Sambo)
- 10.15-11.45** Introduction of sustainability
(Prof. P. Sambo) (UNI-PD)
- 11.45-12.30** Different sustainable agricultural systems
(Prof. P. Sambo) (UNI-PD)

12.30-14.00 Lunch

- 14.00-15.30** Sustainable systems for fruit production
(prof. P. Inglese- UNIPA)
- 15.45 17.15** Sustainable management of mineral nutrition in fruit trees
(Prof. M. Tagliavini) (UNI-BZ)

Tuesday 15/09/2009

- 9.00-9.45** Different sustainable agricultural systems for vegetable production
(Prof. P. Sambo) (UNI-PD)
- 9.45-10.30** Sustainable weed management
(Dr. M. Sattin) (CNR-IBAF)
- 10.45-12.30** Sustainable post-harvest management
(Prof. F. Mencarelli) (UNI-TUS)

12.30-14.00 Lunch

- 14.00-15.30** Vegetable seedling production for high quality crops
(Prof. C. Leonardi) (UNI-CT)
- 15.45-17.15** Sustainable ground cover management in orchards
(Prof. C. Rom) (UARK-USA)

Wednesday 16/09/2009

- 9.00-10.30** Recent issues on vegetable grafting
(Prof. C. Leonardi) (UNI-CT)
- 10.45-12.30** Sustainable biocontainers as alternatives to plastic containers in ornamental plant production
(Prof. M. Evans) (UARK-USA)

12.30-14.00 Lunch

- 14.00-15.30** Designing disease suppressive growing media to reduce reliance on chemical fungicides
Prof. (M. Evans) (UARK-USA)
- 15.45-17.15** Mycorrhizal application in sustainable vegetable production
(Prof. A. Elia) (UNI-FG)

Thursday 17/09/2009

9.00-12.30 Breeding new varieties for sustainable horticulture
(Prof. G. Barcaccia) (UNI-PD)

12.30-14.00 Lunch

14.00-15.30 Environmental impact quotient in evaluating the sustainability of vegetable growing systems: a case study on processing tomato in Southern Italy
(Prof. A. Elia) (UNI-FG)

15.45-16.30 Evaluating environmental impact using LCA
(Dr. L. Coletto) (UNI-PD)

16.30-17.30 Some application of LCA in the agricultural sector
(Prof. S. Bona) (UNI-PD)

Friday 18/09/2009

9.00-10.30 New possibilities in organic fertilizers for vegetable production
(Prof. P. Sambo) (UNI-PD)

10.45-12.30 Sustainable use of water for flower production
(Prof. S. De Pascale) (UNI-NA)

12.30-14.00 Lunch

14.00-15.30 Low technology growing system for high value flower production
(Dr. G. Zanin) (UNI-PD)

15.45-17.15 Urban horticulture in developing Countries
Prof. (G. Gianquinto) (UNI-BO)