

ORGANIC HORTICULTURAL SEEDS AND PLANT MATERIAL PRODUCTION (Organic Horticulture, the first year of study, first semester)

Credit value (ECTS): 6

Course category: compulsory

Course holder: Prof. Neculai MUNTEANU, PhD, Prof. univ. dr. Mihai ISTRATE, PhD

Discipline objectives (course and practical works):

The objectives of the discipline is to train and offer knowledge to the student on the organic vegetable seed crops production, the ecological fruit tree plant material production technology, the ecological vine plant material production technology.

Contents (syllabus)

COURSE (chapters/subchapters)
Introductory elements: study object, links with other disciplines, short history, achievements and perspectives
Organic vegetable seed crops production Tomato, pepper and egg plant Cucumbers, water melon, sweet melon, zucchini and pumpkin Bean, pea, broad bean and okra Onion, leek and garlic Carrot, parsley, celery and radishes Head cabbage, cauliflower and Brussels sprouts Perennial vegetable species.
Organic fruit tree planting material production Fruit tree nursery Technology of grafted fruit tree production.
Technology of planting material of the fruit tree species production Species of stone fruits Species of seed fruits Species of bush fruits
The technology of obtaining the viticulture planting material The nursery: functions, components Grafting and obtaining of planting material
Practical works
Preparation and procuring basic seed
Seedling production for seed crops establishing
General caring for seed horticultural crops
Special caring works for vegetable seed crops
Care work in the nursery of fruit trees
Care work in the nursery of viticulture and dendrological production

Bibliography

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Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Course	Exam	60%
	Presence	10%
Practical works	Presence	10%
	Tests + course and practical	20%

Contact

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