

Forage plants seed production (I-st Year of study, II-nd Semester)

Credit value (ECTS) 7

Course category

Thoroughgoing study (Imposed)

Course holder:

Assistant Prof. PhD. Mihai STAVARACHE

Discipline objectives (course and practical works)

The course aims to transmit and acquire knowledge on the ecological requirements of fodder grasses and legumes for seed production, development of differentiated technologies for the establishment of fodder crops for seed in conditions of high efficiency and quality, plant behavior on developmental phases and in conditions vegetation extremes;

The practical applications aim at the formation of skills and competences regarding the specific biomorphological particularities of fodder grasses and legumes for seed production, establishment and evaluation of fodder plant seed lots, qualitative evaluation of fodder plant seeds.

Contents (syllabus)

Course (chapters/subchapters)
Chapter 1. Genetic features of forage plants
Chapter 2. Seed production for annual forage grasses
Chapter 3. Seed production for perennial forage grasses
Chapter 4. Seed production for annual fodder legumes
Chapter 5. Seed production for perennial forage legumes
Chapter 6. Seed production for root forages
Chapter 7. Seed production for other fodder plants

Practicum
L1-L2-L3-L4 - Study of biological and morphoproductive peculiarities in annual legumes and grasses;
L5-L6 - Study of biological and morphoproductive peculiarities in perennial grasses;
L7-L8 - Study of biological and morphoproductive peculiarities in perennial legumes;
L9 - Specific technological works in seed lots;
L10-L11-L12-L13 - Seeds conditioning and storage - travel in the field;
L14 - Test for the recognition of the main species and seeds/fruits of fodder plants.

References

1. Moga Iulian, Maria Schitea, 2000 - Cultura plantelor furajere pentru sãmânță. Editura Ceres, București.
2. Varga Paul și colab., 1998 - Ameliorarea plantelor furajere și producerea semințelor. Editura Lumina, Drobeta Turnu Severin.
3. Vîntu Vasile, Moisuc Alexandru, Motcã Gheorghe, Rotar Ioan, 2004 - Cultura pajiștilor și a plantelor furajere. Ed. „Ion Ionescu de la Brad” Iași.

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Exam	Written evaluation	60%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests and final laboratory colloquium.	40%

Contacts

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