

GRASSLAND MANAGEMENT AND TECHNIQUES (IVth Year of study, VIIth semester)

Credit value (ECTS): 5

Course category:

Domain (Imposed)

Course holder:

Prof. univ. Dr. SAMUIL Costel

Discipline objectives (course and practical works):

Application and interpretation of concepts, methods and models based on the design and use quality management systems for forage production; Identification of grassland formations in Romania; Improving permanent grasslands degraded; Instead of temporary meadows.

Contents (syllabus):

Course (chapters/subchapters)
INSTEAD TEMPORARY GRASSLAND
Temporary meadows instead of permanent grasslands degraded
Temporary meadows instead of arable land
USE MEADOWS
Using grasslands grazing
Using mowing lawns
Using alternative mixed grasslands
PERENNIAL GRASSES FORAGE
Culture technologies
Seed production
PERENNIAL LEGUMES FORAGE
Culture technologies
Seed production
CONSERVATION, STORAGE AND QUALITY OF FORAGE
The importance of silage; Biochemical processes during silage
Technologies silage; Types of silos
Fodder quality
Forage silage
Practical works
Storage, keeping and evaluation forage
Evaluation of forage crops autumnal
The composition of mixtures of perennial grasses and legumes for establishment of temporary pastures; project activities
Organizing rational grazing; project activities
Evaluation of quality of forage (hay and silage)
Presentation of the project

Bibliography:

Anghel Gh., 1984 – *Pajiști intensive*. Editura Ceres, București.

Samuil, C., 2004 - *Tehnologii de cultură a pajiștilor și a plantelor furajere*, Editura Ion Ionescu de la Brad Iași, ISBN 973-7921-08-9.

Samuil, C., 2010, *Producerea și conservarea furajelor*, Editura Ion Ionescu de la Brad Iași, ISBN 978-973-147-055-9.

Ionel A., Vîntu V., Samuil C. 2002 – *Cultura pajiștilor și a plantelor furajere* - îndrumător de lucrări practice, Editura “Ion Ionescu de la Brad” Iași;

Evaluation:

Evaluation form	Percentage of the final grade
Exam	60%
Appreciation of the activity during the semester	40%

Contact:

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