

TROPICAL BOTANY (I-st Year of study, II-st SEMESTER)

Credit value (ECTS) 3

Course category (Optional Courses)

Domain(agriculture and mountaineering)

Course holder:

Assist. Prof. Dr. Paraschiv Nicoleta Luminita

Discipline objectives (course and practical works)

The course aims to acquire by students the skills needed to study various aspects of on plant and student's knowledge of the main taxain the tropics. It follows the promotion of a positive attitude on the field of knowledge of this discipline, in the sense of attraction the students for a level for study any big standards, the student's knowledge of the theoretic information and practice information following the culture of the main tropical and subtropical species in order to ensure a complex professional training.

Contents (syllabus)

Course (chapters/subchapters)
The main tonic-stimulative species :
1.1.The knowledge of the morphological peculiarities of coffee(Coffee arabica)
1.2.The knowledge of the morphological peculiarities of tea(Tea and Teobroma cacao)
The main tropical species:
2.1.The knowledge of the morphological peculiarities of the banana tree(Musa)
2.2.The knowledge of the morphological peculiarities of the pineapple(Ananas comosus)
2.3.The knowledge of the morphological peculiarities of date tree(dates)(Phoenix dactylifera)
The main species of subtropical fruits:
3.1.The knowledge of the morphological peculiarities of citrus fruits (Citrus sp.)
3.2.The knowledge of the morphological peculiarities of the olive tree (Olea europaea)
3.3.The knowledge of the morphological peculiarities of the fig tree (Ficus carica)
3.4.The knowledge of the morphological peculiarities of the actinide (Actinidia deliciosa, A.chinensis).

Practical works
The main aromatic and spicy species:
Pepper culture (Piper nigrum)
Vanilla culture (Vanilla planifolia)
Cinnamon tree culture (Cinnamomun sp.)
Clove tree culture (Eugenia caryophyllata)
Nutmeg culture (Myristica fragrans)
Laurel culture (Laurus nobilis)

Cardamom culture (<i>Elettaria cardamomum</i>)
Final colloquium of knowledge evaluation

Bibliography

1. Droboata Mari-Ann ,1986 - *Cultura smochinului in gospodarie*, Editura Ceres, Bucuresti.
2. Droboata Mari-Ann ,1988 - *Cultura citricelor în gospodarie*,Editura Ceres, Bucuresti.
3. Droboata Mari-Ann ,1992 - *Horticultură tropicală și subtropicală*, curs lito, vol.I, Inst. Agr. Iasi.
4. Droboata Mari-Ann ,1993- *Horticultura tropicala si subtropicala*, curs lito, vol.II, Univ. Agr.Iasi.
5. Droboata Mari-Ann, Ungureanu ,1998 –*Cafeaua*, Ed. Moldogrup, Iasi.
6. Hoza D., Hoza Gheorghîta, 1998 - *Horticultură tropicală și subtropicală*, U.Ș.A.M.V. București.
7. Mogârzan Aglaia, Crivineanu Cecilia, 2000 – *Plante tropicale*, Ed. “Ion Ionescu de la Brad”, Iasi;
8. Zanoschi V., 1989 – *Cum se înmultesc plantele*, Ed. Ceres, Bucuresti

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Colloquium	Oral examination	60%
Appreciation of the activity during the semester	Write assessment during the semester, verification tests and final laboratory verification.	40%

Contact

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