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TAB 232 - Pests and Diseases of Medical and Aromatic Plants - Avanos Güzel Sanatlar Meslek Yüksekokulu

General Info



Objectives of the Course



To teach the general properties of living and non-living diseases and their harmfulness and the methods of prevention and control.



Symptomatology, etiology, pathology, and epidemiology of plant disease agents, including fungi, bacteria, viruses, and spiroplasmas. Hygiene and therapy methods to be applied against plant disease agents. Systematic study of abiotic plant diseases. Classification, biology, damage types, and control techniques of weeds. The systematic study of the life cycles, types of damage and symptoms caused in plants, economic importance, and control methods of pests (insects, mites, nematodes, mollusks, rodents, birds, etc.) that cause damage in plant production.



Recommended or Required Reading



Laptops, projectors, plant materials showing signs of disease and pests, stereo and light microscopes, general protection science, and plant protection science books.
Plant Protection Science, Prof. Dr. Sabri SÜMER, Nobel Publishing.
Phytopathology: AYDIN ADNAN MENDELI, Nobel Publishing.
Plant Protection Department Lecture Notes, book link: https://uozyilmaz.com/files/bitki_koruma.pdf Finally, the students are examined every week by the course instructor during exams.



Planned Learning Activities and Teaching Methods



The theory topics are covered in lectures with the help of PowerPoint presentations and the chalkboard. Students are examined together and examined under a microscope.



Recommended Optional Programme Components



Students are required to have their aprons and equipment with them before coming to class.



Instructor's Assistants

There is no assistant.



Presentation Of Course

Lecture, question and answer



Dersi Veren Öğretim Elemanları

Assoc. Prof. Dr. Ata Eskin

Program Outcomes

1. Learns living and non-living disease agents.
2. Learns the general characteristics of the pests.
3. Learns the methods of prevention and treatment of disease factors and pests.
4. Learns about the symptoms, biology, and control methods of some important diseases and pests for plant production.

Weekly Contents