

PLANT PROTECTION PRACTICE

(Specialization Horticulture, 2nd Year of study, 2nd Semester)

Credit value (ECTS): 3

Course category

Domain (Imposed)

Course holder:

PhD. Lecturer Monica Elena HEREA

Discipline objectives (practical works)

The content of the specialized *Practice discipline*, together with other specialized disciplines, contributes to the practical training of future engineers.

Formation of the basic knowledge base necessary to understand and operate with the notions specific to the field of plant protection and environmental protection, but at the same time the discipline aims to know by students the main species of harmful insects in ecosystems, for students to recognize the attack and the type of damage. produced by insect species, to learn how to make biological preparations or to know how to make a graphical representation of the flight curve of harmful insects and a project warning of treatments against them.

The formation of the capacities to identify, to formulate as well as to explain the specific problems in the field of plant protection and environment is through what it aims at the correct interpretation of the need for the effective application of treatments to prevent and combat reported pests.

Course content (analytical program)

Themes for practical applications
1. Identification of pest species in agricultural and horticultural ecosystems
2. Presentation and monitoring of the main types of insect damage to cultivated plants or spontaneous flora
3. Damage caused by harmful species, their assessment and attack forecast
4. Application of chemical treatments to control pests

Bibliography

1. Herea Monica, Tălmăciu Mihai, 2020- *Supervisor of Practical Entomology*, Ion Ionescu Publishing House from Brad.
2. Perju T., 1995 - *Agricultural entomology, component of the integrated protection of agrosystems*. Ceres Publishing House, Bucharest.
3. Perju Teodosie, 2002- *Pests of fruiting organs and integrated control aces*, Academicpress Publishing House, Cluj-Napoca.
4. Tălmăciu M., 2002 - *Plant protection - Entomology*, course, internal use. U.S.A.M.V. Iasi.

Final evaluation

Forms of evaluation	Evaluation methods	Percentage of final grade
Assessment of the activity during the semester	Oral evaluation during the semester	100%

Contact

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