

Tárgytematika / Course Description Phytopathology

MENB_NTTA033

Tárgyfelelős neve /

Teacher's name: dr. Kerekes Gábor

Félév / Semester: 2023/24/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the course of Phytopathology is in one hand to make the students capable of realising of a disease in cropping system and in the other hand to give an overall knowledge about factors causing various diseases in the crop production.

TANTÁRGY TARTALMA / DESCRIPTION

1. Short history of development of Plant Pathology
2. Difference between healthy and non-healthy plants, symptoms and roots
3. Biotic and non-biotic source of non-healthy plants
4. Main terms used in phytopathology
5. Grouping of the factors accountable for disease
6. General overview of viroids and virions – emphasis on plant disease agents
7. General overview of bacteria – emphasis on plant disease agent
8. General overview of microscopic fungi in sensu lato – emphasis on plant disease agents

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10. Way of expression of the damage caused by microorganisms in plant production
11. Benefits and disadvantages of microorganisms
12. 12. General overview of plant protection – disease management
13. 13.Introduction to Integrated Pest Management

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Criteria of successful diligence period are aand starting the examinations as follows:

- regular visit of the classes – according to the actual form of education and pandemia situation
- actively participation in the class activities determined by the lecturer
- preparation of pre-determined and agreed of-class work and it's on-time submission

The exam will be organised as – preferably – face to face, oral exam with multiple participants in examination room.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Érsek, T. _ Németh, L: Növénykórtani ismeretek –Egyetemi jegyzet, Mosonmagyaróvár, 2014.

Folk, Gy. – Glits, M.: Kertészeti növénykórtan. Mezőgazda Kiadó, 1993, Budapest.

Horváth, J.: A Szántóföldi betegségek betegségei, Mezőgazda kiadó, 1995, Budapest

Various materials in printed or electronic form provided by the lecturer during the course including presentations and translations.

AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL