



Plant Pathology

The aim of the course is to acquire basic knowledge regarding the general principles of phytopathology. Knowledge of biotic and abiotic factors of diseases. Understanding pathogen, host and environment relationships.

Course content: Reasoning of plant diseases (oomycetes, fungi, bacteria, phytoplasmas, viruses, viroids, phanerogamous parasites, non-parasitic causes). Symptomatology. Mechanisms of pathogenesis, defense and recognition between pathogen - host. Evidence of epidemiology, preservation and spread of pathogens, influence of the environment on the development of diseases. Effect of diseases in plant physiology and genetics of diseases. General principles of dealing with plant diseases in conventional, integrated and biological management of crops. General principles and methodologies in the diagnosis of diseases.