

Module Name	Identification of Pest Organisms: Pests, Diseases, and Weeds
Module Level, if applicable	Beginner
Code if Applicable	0210204776
Subtitle, if applicable	-
Courses, if applicable	0210204776 (Identification of Pest Organisms: Pests, Diseases, and Weeds)
Semester(s) in which the module is taught	2
Person responsible for the module	Prof. Dr. Ir. Dyah Roeswitawati, MS. Ir. Henik Sukorini, MP. PhD. Dr. Dian Indratmi, MP
Lecturer	Prof. Dr. Ir. Dyah Roeswitawati, MS. Ir. Henik Sukorini, MP. PhD. Dr. Dian Indratmi, MP
Language	Indonesian
Relation to curriculum	Compulsory Courses for undergraduate program in Department of Agrotechnology, Faculty of Agriculture and Animal Science.
Type of teaching, contact hours	Lecture, Project, Independent Learning, Lab Work
Workload	<ul style="list-style-type: none"> ● Lecture : 3 sks × 50 minutes × 16 weeks ● Project : 3 sks × 60 minutes × 16 weeks ● Independent Learning 3 sks × 60 minutes × 16 weeks ● Lab Work: 2 sks × 170 minutes × 16 weeks
Credit points	SKS 5 SCH x (1.5) = 7.5 ECTS
Requirements according to the examination regulations	1. Registered in this course 2. Minimum 80% attendance in this course
Recommended prerequisites	No prerequisites
Module Objectives (Intended learning outcomes)	On successful completion in this course, student should be able to: <ul style="list-style-type: none"> ● Explain the definition of pests and the causes of pests, pest groupings and the role of insects as beneficial for crops ● Analyze the examples of plant diseases and their importance in plant cultivation, the position of fungi and bacteria among living things and other microorganisms around plants and the position of viruses and nematodes among living things and other microorganisms around plants ● Explain the difference in classification of weeds based on type, life cycle and growing habitat and evaluate and develop management concepts for controlling plant pests

Module Content	This course covers the principles and concepts of macro and microorganisms as plant pests and is able to conceptualize, implement, and evaluate the interaction of each organism to plants related to environmental potential
Study and examination requirements and forms of examination	Cognitive: Midterm exam, Final exam, Quizzes, Assignments Psychomotor: Practice Affective: Assessed from the element /variables achievement, namely (a) Contributions (attendance, active, role, initiative, and language), (b) Being on time, (c) Effort.
Media employed	Classical teaching tools with white board and power point presentation
Recommended Literature	For Class A. Compulsory - Book or journal related to Entomology and Pest Management ; Pest of Plantantion Crop B. Option - Books or journals related toPlant Pathology, Introduction to Plant Pathology von George Agrios, 2005
Date of Last Amendment	22 nd August 2022