

# PLANT DISEASES AND STORAGE PESTS

1	Course Title:	PLANT DISEASES AND STORAGE PESTS
2	Course Code:	TOHZ207
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç.Dr. MEHMET ÖZ
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	momer@uludag.edu.tr 0224 613 3102 Uludağ Üniversitesi Mustafakemalpaşa Meslek Yüksekokulu Mustafakemalpaşa/BURSA
17	Website:	
18	Objective of the Course:	Examine the some important plant ve storage pests and, plant diseases
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Knows the parts of phytopathology.
	2	Recognizes the microorganism, parasitic-weeds and, abiotic disease factors
	3	Knows the symptoms of diseases
	4	Recognizes the important plant diseases, and knows them to struggle.
	5	Knows the morphology, anatomy and reproduction of insects.
	6	Recognizes the important plant pests, and knows them to struggle.
	7	Teach the pest of storage.
	8	Understands the struggle for empty and full storage to pests.
	9	
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	History of phytopathology, economic importance of plant diseases	Examine the various visual materials on the subject

2	Host plant - pathogen interactions, symptoms occurring in the diseased plant	Evaluation the various visual materials relevant to the subject		
3	Abiotic and biotic disease factors (viruses, bacteria)	Pictures of virus and bacteria and, symptoms were brought on plants		
4	Fungi, parasitic flowering plants and weeds	Pictures of fungi and parasitic flowering plants and weeds and, symptoms were brought on plants		
5	Epidemiology, cultural measures with respect to hygiene and therapy	Application pictures of pesticides		
6	Breeding of resistant varieties, biological struggle, physical struggle, chemical struggle, and quarantine measures	Fungicide application with pulverizator		
7	Damping-off diseases, wheat bunt, smut and rust diseases, description, biology and the struggle	Application of seed treatments		
8	Repetition of the course and midterm exam			
9	Description, biology and struggle of Cercospora leaf spot disease of sugar beet, sunflower downy mildew, potato downy mildew, tobacco downy mildew diseases	Pictures of diseases studied theoretically		
10	Systematic, morphology and anatomy of insects	Dried insect samples and pictures belonging to various order		
11	Reproduction and development of insects, insect ecology	Evaluation the various visual materials relevant to the subject		
12	The struggle against insects, nematodes, aphids, cut-worms from important pests	Evaluation the various visual materials relevant to the subject		
13	Description of rice weevil, maize weevil,	Fumigation application of in the Seed Laboratory		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Lesser grain borer, bean seed betle, pearl	14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preperation		12	1.00	12.00
Homeworks		1	0.00	0.00
Projects		0	0.00	0.00
Field Studies		6	3.00	18.00
Midterm exams		1	10.00	10.00
Others		0	0.00	0.00
Final Exams		24.00	24.00	24.00
Total Work Load				120.00
Total work load/ 30 hr		Universitesi		4.00
ECTS Credit of the Course				3.00
		d.Böcekler Alemi, Dr.Zekiye EREN e.Bitki Koruma El Kitabı, Anonymous		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT	
Midterm Exam		1	40.00	
Quiz		0	0.00	
Home work-project		1	10.00	
Final Exam		1	50.00	
Total		3	100.00	

Contribution of Term (Year) Learning Activities to Success Grade	50.00
Contribution of Final Exam to Success Grade	50.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>

<b>25</b>	<b>CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS</b>															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			