AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Fungicides								
Course Code	ZBK523		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	7	Workload	175 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The course aims to introduce fungicides and fungicides based on the biological mechanisms of action of fungicides.								
Course Content	The scope, formulations, formulations and spectra of fungicides in the world and in our country will be explained.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Hewitt, H.G., 1998..Fungicides in Crop Protection, CAB International, 221p
2	Pflanzenschutz Nachrichten, Bayer (seri)
3	http://npic.orst.edu/RMPP/rmpp_ch15.pdf

Week	Weekly Detailed Course Contents	
1	Theoretical	The use of fungicide in the world
2	Theoretical	Fungicide market (based on some regions and products)
3	Theoretical	Formulations
4	Theoretical	Grouping of fungicides according to their biological effects
5	Theoretical	Fungicides that cause cell function deterioration (Inorganics)
6	Theoretical	Fungicides that cause cell function deterioration (Organics)
7	Theoretical	The fungicides causing deterioration of the membrane function
8	Intermediate Exam	Midterm
9	Theoretical	The fungicides causing deterioration of the membrane function
10	Theoretical	Fungicides that cause deterioration of nuclear events
11	Theoretical	Fungicides acting on cell wall function, inhibition of protein synthesis
12	Theoretical	The fungicides which are effective in the prevention of respiration, deterioration of cell membrane integrity
13	Theoretical	The fungicides which are effective in the prevention of respiration, deterioration of cell membrane integrity
14	Theoretical	Non-identified fungicides
15	Theoretical	Non-identified fungicides
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	2	27	1	56
Midterm Examination	1	30	1	31
Final Examination	1	45	1	46
			Total Workload (Hours)	175
			[Total Workload (Hours) / 25*] = **ECTS**	7

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes	
1	
2	
3	
4	
5	

Programme Outcomes *(Plant Protection Master)*	
1	To develop knowledge and abilities that gained during undergraduate education
2	To gain ability to search and pursue current literature
3	To gain ability to plan and write projects that help solving problems in field of study.
4	To gain ability to conduct research, analyze data, evaluate research results scientifically and preapare reports and thesis writing.
5	Students will be able to learn and apply the laboratory test and analysis methods
6	To recognize occupational and ethical responsibility

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	2	3	3	3	4
P2	2	4	4	4	3
P3	3	4	4	4	4
P4	2	4	4	4	4
P5	3	3	4	4	3
P6	3	5	4	4	5