



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Weeds and Their Control in Arable and Horticultural Crops							
Course Code		ZBK546		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	202 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of the course is to teach the recognition of the weeds that are problem in agricultural areas, their harms and struggle							
Course Content		In this course, the definition of some concepts in weed science, the importance of weeds in terms of agricultural production, interactions between weeds and weeds, parasitic weeds, weeds in different fields and horticultural plants and herbicides that can be used in these areas will be covered.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual 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	Yeğen, O., 1984. Yabancı Otlar ve Mücadelesi. Ankara Üniv., Ziraat fak. Yayınları:906 (3). 136s.
2	Nemli, Y., 1983. Yabancı Ot Bilimi. Ege Üniv. Ziraat fak., Bitki Koruma Bölümü için ders notları. 75-II, 113s.
3	Uygur, F. N. W. Koch, H. Walter, 1984. Yabancı ot Bilimine Giriş (Kurs Notu), PLITS 2(1), 1984. Josef Margraf, Stuttgart. 114 s.
4	Uygur, F.N., W. Koch and H. Walter, 1986. Çukurova Bölgesi Buğday-Pamuk ekim sistemindeki önemli yabancı otların tanımı. PLITS 4 (1). 169p
5	Özer, Z., H. Önen, F. N. Uygur, W. Koch., 1996. Farklı Kültürlerde Sorun Olan Yabancı otlar ve Kimyasal Savaşimleri. Gaziosmanpaşa Üniv., Zir. Fak. Yay. No:15, Seri No:8. 282 s.
6	Tepe, I., 1997. Türkiye'de Tarım ve Tarım Dışı Alanlarda Sorun Olan Yabancı Otlar ve Mücadeleleri. Yüzüncü Yıl Üniversitesi Yay.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition, benefits and harms of weeds
2	Theoretical	Recognition of important weeds
3	Theoretical	Biological development in weeds, classification
4	Theoretical	Parasitic weeds
5	Theoretical	Allelopathy, introduction of competition concepts
6	Theoretical	Weed control
7	Intermediate Exam	Midterm
8	Theoretical	Chemical control (Classification and application of herbicides)
9	Theoretical	Weeds and control in cereals
10	Theoretical	Struggle of weeds, potatoes, sunflowers and weeds in cotton
11	Theoretical	Weed and soya beans in tobacco, soybean and peanuts
12	Theoretical	Vineyards in vineyards and orchards
13	Theoretical	Weed crops and strawberries
14	Theoretical	Weed and control of weeds in greenhouse and outdoor area
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56



Lecture - Practice	14	4	2	84
Midterm Examination	1	30	1	31
Final Examination	1	30	1	31
Total Workload (Hours)				202
[Total Workload (Hours) / 25*] = ECTS				8
*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 prepare 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	3	4	4	4	4
P2	4	4	4	4	4
P3	4	5	5	4	4
P4	3	5	5	4	4
P5	5	5	5	4	4
P6	5	5	5	4	4

