



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Pasture and Forage Crops Production							
Course Code		ORT112		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	52 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this lesson is to enable the students to recognize the pasture-meadow, to understand the latest developments related to pasture-meadow, benefits of pasture-meadow, pasture-meadow use them in the care process and application of techniques to detect and to troubleshoot issues related to implementation and to provide. Besides to make the students understand the general situation of forage crops and the latest scientific improvements about forage crops, to have information about the interaction between forage crops and animal husbandry, to identify the legume forage crops, to gain the ability of describing at which situations and for which purposes forage crops could be used, to identify the selection criteria and to learn the growing technics of forage crops							
Course Content		Description of pastures and meadows, maintenance, benefit techniques from grasses, main technical principles of the pasture management. The definition, classification of forage crops, the problems during the production of forage crops, the ecology of forage crops, the agricultural characteristics of legume forage crops, alfaalfa, clover, vetch and bitter vetch legume forage crops.							
Work Placement		Students have made their compulsory internship at II and IV semester for 30 days							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Assoc. Prof. İlkay YAVAŞ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Gokus, A., Koc, A., 2001. Pasture and Forage Crops Management. Atatürk U., Faculty of Agriculture, N: 228, 329p
2	Genckan, M.S., 1985. Pasture and Forage Crops Culture, Management and Breeding. Aegean Univ. Faculty of Agriculture. N:483, 655p. Bornova-Izmir.
3	Soya, H., Avcioglu, R., Geren, H., 1997. Forage Crops, Harvest Pub. Kadıkoy-Istanbul, 223p.

Week	Weekly Detailed Course Contents	
1	Theoretical	The concept and definition of pasture-meadow, pasture-meadow as green herbage-cover, pasture-meadow land and crops
2	Theoretical	Pasture-meadow importance for soil fertility and animal husbandry
3	Theoretical	Pasture-meadow management
4	Theoretical	Pasture-meadow management
5	Theoretical	Pasture-meadow management
6	Theoretical	The definition, importance, classification of forage crops, the problems during the production of forage crops
7	Theoretical	The ecology of forage crops, the general characteristics of forage crops growth on fallow lands
8	Theoretical	The ecology of forage crops, the general characteristics of forage crops growth on fallow lands
9	Theoretical	Harvest, dry grass production, storage, silage
10	Theoretical	The importance of seed on forage crops agriculture, seed policy, production area and choosing the material
11	Theoretical	Agricultural characteristics of legume forage crops, taxonomy and morphological characteristics
12	Theoretical	Agricultural characteristics of legume forage crops, taxonomy and morphological characteristics
13	Theoretical	Alfalfa plant characteristics, adaptation and growing
14	Theoretical	The importance of vetches, bitter vetch and black lentile, usage areas, plant characteristics and growing
15	Theoretical	General exam
16	Final Exam	Final exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	14	1	0	14
Midterm Examination	1	3	1	4
Final Examination	1	5	1	6
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to comprehend the importance of pasture-meadow,
2	To be able to gain information about the benefits of pasture-meadow, forms and maintenance procedures of them,
3	To be able to perceive and perform the methods of pasture utilization,
4	To be able to comprehend the importance of forage crops on agricultural production,
5	To be able to gain information about morphological characteristics of legume forage crops,

Programme Outcomes (Organic Agriculture)

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

	L1	L2	L3	L4	L5
P4	4	4	4	4	4
P5	3	3	3	3	3
P8	4	4	4	4	4
P9	3	3	3	3	3

