



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Organic Seed							
Course Code		OT120		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Students basic information on about the seed, the adoption of the similarities and differences between seed and organic seed, the structure of the seed formation, germination, to clarify the ecology and formal seed programs seeds that stage until the-back harvest production is to be able to do so in accordance with the organic production rules and be able to plan							
Course Content		Basic concepts related to seed, organic seed-conventional seed, organic seed production stages, organic seed technology stages. Seed harvesting, seed separation, drying, basic concepts and techniques for cleaning, spraying seeds, packaging, basic concepts and techniques related to storage and quality control							
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	70

Recommended or Required Reading

1	ŞEHİRALİ, S., 1989. Tohumluk ve Teknolojisi, Ankara Üniversitesi Ziraat Fakültesi Tarla Bitkileri Bölümü, Ankara Üniversitesi Basımevi, Ankara.
2	Soya, H. ve Geren, H., 1999. Tohumluk. E.Ü. Ziraat Fakültesi Yayınları Ders Notları:56/2
3	Eser, B., Saygılı, H., Gökçöl, A. ve İlker, E., 2005. Tohum Bilimi ve Teknolojisi, EÜ. TOTEM, Bornova-İzmir.

Week	Weekly Detailed Course Contents	
1	Theoretical	Meet. The content of the lecture. about evaluation methods. basic concepts related to Seed
2	Theoretical	Seed Industry, Seed in Turkey. Formal seed program.
3	Theoretical	Organic seed-conventional seed
4	Theoretical	Flowers, pollination, fertilization, fruit and seed formation. structure, physiology
5	Theoretical	Environmental factors in seed production
6	Theoretical	Seed production stages. Cultural actions taken in seed plots
7	Theoretical	Seed production stages. Cultural actions taken in seed plots
8	Intermediate Exam	Midterm exam
9	Theoretical	Plant species according to the criteria of organic seed harvest, harvesting methods, used tools and equipment are to be considered topics
10	Theoretical	Organic seed separation methods depending on the species, harm produced studies that occur during separation-harvest seed
11	Theoretical	Drying the seeds
12	Theoretical	Cleaning the organic seed
13	Theoretical	Packaging of organic seeds
14	Theoretical	The storage of organic seeds
15	Theoretical	Seed quality control
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	9	0	2	18
Individual Work	4	0	4	16
Midterm Examination	1	5	1	6



Final Examination	1	6	1	7
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Distinguish conventional seed Organic seed
2	Seed production techniques in accordance with the rules of organic farming
3	Explain the basic concepts and Seed
4	Knows the functions of seed control and certification organizations
5	Knows the stages of seed, laboratory and laboratory control

Programme Outcomes (Organic Agriculture)

1	To have university life, to use computer technology and to have skills for raising of scientific data
2	To produce according to organic agriculture rules
3	To know and apply starter to organic agriculture, and to get product certification
4	To know genetic for organic vegetable and animal species
5	To know and apply organic production principle and regulations and protection of environment
6	Understand and apply production techniques for organic vegetable and animal
7	To understand control methods for diseases and pests in organic agriculture
8	Having knowledge of quality control, preserving and marketing of organic products
9	To having knowledge equipments and methods for new agricultural technologies
10	To have knowledge of professional ethics and responsibility
11	Ability to work in team and individual
12	To communicate orally and in writing
13	To have adopt life-long learning importance and to have follow professional developments

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
P2	2				3
P3	4	3		3	
P4		5		2	
P5	1	2	2		
P6		2			
P8	1				

