

# CONTROL METHODS OF PLANT DISEASES AND PESTS

<b>1</b>	Course Title:	CONTROL METHODS OF PLANT DISEASES AND PESTS	
<b>2</b>	Course Code:	BTK3621	
<b>3</b>	Type of Course:	Compulsory	
<b>4</b>	Level of Course:	First Cycle	
<b>5</b>	Year of Study:	3	
<b>6</b>	Semester:	5	
<b>7</b>	ECTS Credits Allocated:	2.00	
<b>8</b>	Theoretical (hour/week):	2.00	
<b>9</b>	Practice (hour/week):	0.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:	None	
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Prof. Dr. ÜMİT ARSLAN	
<b>15</b>	Course Lecturers:	Prof. Dr. Orkun Barış KOVANCI	
<b>16</b>	Contact information of the Course Coordinator:	Prof. Dr. Ümit ARSLAN uarslan@uludag.edu.tr Tel: 0 224 294 15 75 Bursa Uludağ Üniversitesi, Ziraat Fakültesi Bitki Koruma Bölümü Görükle Kampüsü, Nilüfer-BURSA	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	The objective of this course is to provide students with information on the principles of plant diseases and pest control, their application as well as the methods of pest control and integrated pest management (IPM) in order to create the awareness of integrated control.	
<b>19</b>	Contribution of the Course to Professional Development:	This course provides students with basic information about control methods against plant diseases and pests	
<b>20</b>	Learning Outcomes:		
		1	Students will be able to; select the right pest control option and apply when necessary.
		2	To chose the most selective control method for the environment and successfully incorporate it into IPM programmes.
		3	To decide whether a crop can be grown organically or not,
		4	To apply pesticides at the right dose, at the right time in the right way.
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<b>21</b>	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	

1	Introduction to Pest Management	
2	Cultural Control	
3	Mechanical and Physical Control	
4	Quarantine and Legal Control	
5	Biological Control	
6	Biotechnological and Genetical Control	
7	Chemical Control	
8	Integrated Pest Management	
9	Agricultural Quarantine and Legal Control for Plant Diseases	
10	Cultural Control for Plant Diseases	
11	Host Plant Resistance to Plant Diseases	
12	Biological Control for Plant Diseases	
13	Chemical Control for Plant Diseases	
14	Integrated Pest Management for Plant Diseases	

22	Textbooks, References and/or Other Materials:	Awasthi V.B. 2007. Agricultural Insect Pests and Their Control. Vedams Books, 268 p, ISBN : 8172334915.  Toros, S., Maden, S. ve Sözeri, S. 1999. Tarımsal Savaş Yöntem ve İlaçları A.Ü.Ziraat Fakültesi Yayın No: 1508, Ders Kitabı 462. 417 s.
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Activites	Number	Duration (hour)	Total Work Load (hour)
Midterm Exam	1	28.00	28.00
Practicals/Labs	0	0.00	0.00
Home work-project	0	0.00	0.00
Homeworks	0	0.00	0.00
Projects	2	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	22.00	22.00
Total Work Load			70.00
Total work load/ 30 hr			2.00
ECTS Credit of the Course			2.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	5	0	0	3	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

<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>
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