

Republic of Iraq

The Ministry Of Higher  
Education

& Scientific Research



University: Diyala

College: Agriculture

Department: Science Field Crops

Stage: Fourth

Lecturer name: Adnan H. Alwagaa

Academic Status: prof.

Qualification: ph.D

Place of work: College Agriculture/  
University of Diyala

## Flow up of implementation celli pass play

<b>Course Instructor</b>	<i>Adnan Hussein Ali Alwagaa</i>				
<b>E_mail</b>	<i>adnanalwakaa@uodiyala.edu.iq</i>				
<b>Title</b>	<i>Weed control</i>				
<b>Course Coordinator</b>	<i>Spring Course, autumn course</i>				
<b>Course Objective</b>	<i>The course gives many subject, which it is learning student, how weed work on different hard climate and that it effect , on their characteristics , so there are many method to classification .according to factor of climate</i>				
<b>Course Description</b>	<i>1- That the student gets to know the most important jungles spread in Iraq and the world 2- The student should classify the types of bushes according to their life cycle or the nature of their reproduction 3- The student should separate the types of weed and the most important methods used to reduce their impact on crop productivity 4- To know the scientific methods used to reduce jungle damage 5- The student should evaluate the cost of chemical control, the type of pesticides used, the method of control, addition, and the devices used in control.</i>				
<b>Textbook</b>	<i>1. Weed science, principles and Application 3th edition by Wood.P.Anderson. 2. Weed management. Hand book. 9th edition by Robert, E.L. Maylor. 3. Methods of applying herbicides. by C.G. Mcwhoter and M.R. Gebhard</i>				
<b>References</b>	<i>1- weed science. 2- Websites, Articles, FAO reports .</i>				
<b>Course Assessment</b>	<i>final</i>	<i>report</i>	<i>coz</i>	<i>Lab</i>	
	<i>%60</i>	<i>%5</i>	<i>%5</i>	<i>%10</i>	<i>%20</i>
<b>General Notes</b>					

## Course weekly Outline

week	Date	Topics Covered	Lab. Experiment Assignments	Notes
		<i>Theoretical</i>	<i>Lab.</i>	
1		<i>Characteristics of weeds plant and their seed.</i>	<i>Identification of Tools which used to weeds control</i>	
2		<i>Method, of weeds control mechanical method. Hand-pulling and Hand hoeing</i>	<i>Calculation economic value of mechanical weeds control at field</i>	
3		<i>Weed control, by tillage, mowing and floating</i>	<i>Common herbicide which used to weed control date and method application</i>	
4		<i>Biology method</i>	<i>Calculation of trade material of herbicides</i>	
5		<i>Competition and crop Rotation method</i>	<i>Control Broad leaves weed ,by selective herbicide</i>	
6		<i>Heating and mulching method</i>	<i>Control narrow leaves weed by selective herbicide .</i>	<b>Exam</b>
7		<i>Scientific Idioms of weed control</i>	<i>Writing results from herbicide which it used at 5,6week</i>	
8		<i>Herbicides and plant Absorption and Translocation</i>	<i>Weed control at corn fields</i>	
9		<i>Selectivity of Herbicide</i>	<i>Weed control at cotton field</i>	
10		<i>Herbicides and soil</i>	<i>Calculate and record percentage control for herbicide which used at 9,8 week</i>	
11		<i>Herbicides and soil</i>	<i>Calculate and record percentage control for herbicide which used at 9,8 week</i>	
12		<i>Weed control at main crops in Iraq</i>	<i>Control weeds at uncultivated areas</i>	
13		<i>Weed control at Horticultural farm</i>	<i>Control weeds at irrigation and drain ditches</i>	<b>Exam</b>
14		<i>Methods control of Aquatic weed</i>	<i>Banned and restriction Herbicide</i>	
15		<i>Seed storage</i>	<i>Problems on seed storage.</i>	

Instructor Signature:

Ph.D. Adnan H. Alwagaa

Dean Signature:

Ph.D. Raed Ibrahim Khalel