

Republic of Iraq

The Ministry Of Higher  
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala College:  
Agriculture Department: Soil  
and Water Sciences

Stage: 1

Lecturer name: omer Ali Ahmed

Qualification: Ph.D Place of  
work: college of Agriculture

## Flow up of implementation celli pass play

Course Instructor	Omar Ali Ahmed				
E-mail	Omerahmed@uodiyala.edu.iq				
Title	Principles of Field Crops				
Course Coordinator					
Course Objective	Definition of crops science and the methods of divided the crop. - Most important crops and the Families of them Environmental factors affecting crop production Agriculture practises from planting until harvest				
Course Description	This Course includes 14 lecture from crops definition, families of crops, environmental factors, increasing crop production and food security.				
Textbook	Principles of crops production – university of Baghdad				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	(20%)	(15%)	(5%)	(10%)	(50%)
General Notes	Type here general notes regarding the course				

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week	Date	Topics Covered	Practical Part
1	1 st week	Field crops are known and divided	Watch and draw plants with scientific and English names
2	2 nd week	Botanical description of the most important families	Differentiating crop seeds
3	3 rd week	Environmental factors and their relationship to field crops (climatic factors)	Environmental factors and germination
4	4 th week	Environmental factors and their relationship to field crops (soil and biological factors)	Soil service operations
5	5 th week	Exam 1	
6	6 th week	Land preparation operations for agriculture	Plowing, smoothing and leveling
7	7 th week	Seeds, germination and seed storage	Fertilizers and fertilization
8	8 th week	Accompanying jungles and ways to combat them	Crop service operations
9	9 th week	Agricultural courses	Irrigation and drainage
10	10 th week	Introduction to crop breeding methods	Winter and summer weeds and ways to combat them
11	11 th week	Stages of production and multiplication of improved seeds	Sluggishness and patchwork

<b>12</b>	12 th week	The most important annual crops in Iraq	Seed grading
<b>13</b>	13 th week	Exam 2	
<b>14</b>			
<b>15</b>			



**Instructor Signature**  
**Dr. Omer Ali Ahmed**

**2025/1/15**



**Dean Signature**  
**Prof. Dr. Raaed Ibrahim Khalil**

**15/1/2025**