

Republic of Iraq

The Ministry Of Higher  
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala  
College: Agriculture  
Department: Field Crops  
Stage: three  
Lecturer name: Mohammed  
Nadeem Kasim  
Qualification: ph.D  
Place of work: Coll. Of  
Agriculture

## Flow up of implementation celli pass play

<b>Course Instructor</b>	Mohammed Nadeem Kasim				
<b>E-mail</b>	mohammedalhashime1982@gmail.com				
<b>Title</b>	Field crop diseases				
<b>Course Coordinator</b>	Autumn course				
<b>Course Objective</b>	The student should be learning the concept of plant disease and be able to distinguish between types of field crop diseases and methods of control them, and know the scientific methods used to reduce the damage of diseases, and the student should evaluate the cost of chemical control, the type of pesticides used, and the devices .used in control				
<b>Course Description</b>	Identifying the biotic and abiotic factors that cause field crop diseases and identifying the most important diseases that various field crops are exposed to and how to reduce them using .appropriate scientific methods				
<b>Textbook</b>	1. Plant diseases. Abdul Hamid Khaled 2. Fundamentals of Plant Disease. Gerges, Maysar Majeed, Raqib Akef Hamad and Ayad Abdul Wahid Al-Hiti.				
<b>Course Assessments</b>	<b>Term Tests</b>	<b>Laboratory</b>	<b>Quizzes</b>	<b>Project</b>	<b>Final Exam</b>
	20%	15%	5%		60%
<b>General Notes</b>					

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week	Date	Topics Covered	Practical Part
1	1 st week	Economic importance of field crop diseases	Laboratory tools and equipment in the field crop diseases laboratory
2	2 nd week	Field Crop Pathogens	Symptoms and Signs
3	3 rd week	Wheat diseases: Root rot and seedling drop, powdery mildew, downy mildew, stem rust, leaf rust, stripe rust, covered smut, loose smut	Study of symptoms and signs of wheat diseases
4	4 th week	Wheat diseases: - Smut, Septoria leaf blotch, storage rot, black spot, ear blight, grain warts, wheat mosaic	Study of symptoms and signs of wheat diseases
5	5 th week	Barley diseases	Study of symptoms and signs of barley diseases
6	6 th week	Rice diseases	Study of symptoms and signs of rice disease
7	7 th week	Yellow corn diseases	Study of symptoms and signs of yellow corn
8	8 th week	White corn diseases	Study of symptoms and signs of white corn disease
9	9 th week	Diseases of oil crops Sunflower diseases	Study of symptoms and signs of sunflower diseases
10	10 th week	Sesame and safflower diseases	Study of symptoms and signs of sesame and safflower diseases
11	11 th week	Legume crop diseases	Study of symptoms and signs of the most important legume crop diseases
12	12 th week	Sugar crop diseases	Study of symptoms and signs of the most important sugar crop diseases
13	13 th week	Fiber crop diseases	Study of symptoms and signs of the most important fiber crop diseases
14	14 th week	Forage crop diseases	Study of symptoms and signs of the most important forage crop diseases
	15 th week	Tobacco diseases	Study of symptoms and signs of

			Tobacco diseases
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**Instructor Signature**  
**Ass. Prof. Mohammed Nadeem Kasim**  
**15/1/2025**



**Dean Signature**  
**Prof. Dr. Raaed Ibrahim Khalil**  
**15/1/2025**