

Republic of Iraq

The Ministry Of Higher
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala

College: Agriculture

Department: Soil and water
resources department

Stage: Second

Lecturer name: Dr. HUSSEIN
AZIZ

Qualification: : PhD.

Place of work: Coll. Of
Agriculture:

Flow up of implementation celli pass play

Course Instructor	Hussien Aziz Mohammed				
E-mail	Dr.husen 88@gmail.com				
Title	Plant Physiology				
Course Coordinator	Second Course				
Course Objective	To learn students the effect of the Plant Physiology , Definition of students with the True Solution ,Colloidal system, Diffusion , Permeablty ,Water Potential, Transpiration , Imbibition Photosyntheses in the plants C3 and C4 Respration Growth , Dormancy , Vernalization				
Course Description	True Solution ,Colloidal system , Respration Growth , Dormancy , Vernalization Auxins , Gibberellins , Ethylene ,Cytokinins , Absciscic acid				
Textbook	Taiz , L. and E. Zeiger .2010 . Plant Physiology . 5 th (ed.),				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	%)20	As(15%)	%5		%60 (

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الملاحظات	Practical Part	Topics Covered	Date	week
	True Solution ,Colloidal system	Plant cells Plant life:unifying principles	31/1/2024	1
	Diffusion , Permeablty ,Water Potential	Transport and translocation of water and solutes	7/2/2024	2
	Transpiration , Imbibition	Water and plant cells, water balance plants	14/2/2024	3
	Photosyntheses in the plants C3 and C4	Water transport processes	21/2/2024	4
	Respration	Smail changes in plant cell volume large changes in turgor pressure	28/2/2024	5
	Growth , Dormancy , Vernalization	Water balance in plant	6/3/2024	6
	Auxins , Gibberellins , Ethylene ,	Water in the soil	13/3/2024	7
	Cytokinins	Photosynthesis , carbon reactions	20/3/2024	8
	Abscisic acid	The calvin	27/3/2024	9

		regenerates its own biochemical components		
	Photoperiodism	Light reaction	3/4/2024	10
	Cell wall: structure	Growth and development	10/4/2024	11
	Biogenesis and expansion	vernalization	17/4/2024	12
		The growth hormone	24/4/2024	13
		Biosynthesis and metabolism of auxin	1/5/2024	14
		photoperiodism photochromred	31/1/2024	15