

M.S. in Agronomy
Sher-e-Bangla Agricultural University
July-December 2023
Crop Physiology and Stress Agronomy (AGRO 506)
List of Assignments

(Assignments must be submitted as an e-mail attachment to mhzsauag@yahoo.com)

Put your name and registration number in the Subject line of the E-mail

Course Teacher: Prof. Mirza Hasanuzzaman

First Semester

Sl. No.	Reg. No.	Name	Topic
1.	18-08653	Shafrin Akteer Asha	Wheat responses and tolerance to heat stress
2.	18-08672	Md. Imran Hossain	Photosynthesis of plants under abiotic stress
3.	19-09350	Sumya Tasnim Samiha	Role of phytohormones in mitigating salt tolerance in crops
4.	19-09357	Afroza Akter	Role of phytohormones in mitigating drought tolerance in crops
5.	19-09373	Roksana Begum	Role of phytohormones in mitigating metal/metalloid tolerance in crops
6.	19-09383	Mehedi Akter Lima	Plant growth limiting factors
7.	19-09384	Tamjidul Anwar Sagor	Wheat responses and tolerance to salt stress
8.	19-09393	Tanjina Akter Asma	Rice responses and tolerance to submergence stress
9.	19-09431	Shahed Mahmud	Effect of arsenic on plant growth and yield
10.	19-09439	Zannatul Arafa Munni	Crop growth and productivity under light stress
11.	19-09450	Abdur Rob Mondal	Plant responses and tolerance to cold stress
12.	19-09477	Sumaiya Akter	Factors affecting grain formation and grain filling in plants
13.	19-09482	Md. Nahid Hasan	Role of solar radiation on plant growth and productivity
14.	19-09491	Somaiya	Photosynthesis in C ₃ and C ₄ plants
15.	19-09494	Sohag Mondal	Agronomic manipulation in mitigating high temperature stress in crop plants
16.	19-09496	Mst. Ashiya Khatun	Water potential and plant physiological processes
17.	19-09514	Aminul Islam Hridoy	Factors affecting plant development
18.	19-09515	Nazifa Tasnim	Responses of pulse crops to salinity
19.	19-09520	Sadia Tasnim	Climatic parameters and crop yields
20.	19-09531	Md. Sanwar Hossain Sumon	Physiology of reproductive development in plants
21.	19-09542	Tanvir Ahmad Sourav	Responses of oil crops to salinity
22.	19-09544	Md. Shamim Akter Pavel	Lear area and crop productivity
23.	19-09546	Mst. Mahmuda Akhi	Plants' adaptive features for drought tolerance
24.	19-09562	Shahinur Akter	Dry mater partitioning and its role in crop productivity
25.	19-09577	Joya Saha	Factors affecting crop yield components
26.	19-09587	Shanjana Subrin Prokriti	Role of population density on crop growth and yield
27.	19-09608	Sharifa Khanom Sompá	Responses of oil crops to salinity
28.	19-09618	Sharmin Akter Mim	Progress in developing abiotic stress tolerant crop varieties in Bangladesh
29.	19-09628	Samia Chowdhury	Plant responses and tolerance to waterlogging

30.	19-09653	Most. Israt Jahan Nuri	Plant responses to metal/metalloid stress
31.	19-09679	Mt. Koly Khatun	Abiotic stress and global food security
32.	19-09688	Nusrat Jahan Emu	Abiotic stress and crop yield reduction
33.	19-09694	Most. Sadia Sultana	Source-sink relationship and crop productivity

Second Semester

Sl. No.	Reg. No	Name of Students	Topic
34.	16-07090	Farzana Haque Orthy	Using agronomic principles for better crop productivity under abiotic stress
35.	17-07649	Samiul Alam	Use of biostimulants in mitigating salt stress tolerance in crops
36.	17-07762	Anindita Bose	Impact of climate change on plant abiotic stress
37.	18-08326	Taslim Akter	Combined stress and crop productivity
38.	18-08341	Md. Abdullah	Halophytes under climate change
39.	18-08374	Sumaiya Aktar Urme	Mechanisms of water uptake in plants
40.	18-08375	Rayhun Ahmed	Water use efficiency under abiotic stress
41.	18-08400	Mst.Homaira Ferdous Hia	Seed priming and drought stress tolerance
42.	18-08412	Imamul Mahmud	Ion transport in plants
43.	18-08414	Tanjila	Plant anatomical changes under abiotic stress
44.	18-08424	Sushama Biswas	Role of transpiration on plant growth and yield
45.	18-08434	Md. Maruf Alam Rahat	Importance of plant physiology in agronomy
46.	18-08448	Faomida Sinthi	Rice responses and tolerance to salt stress
47.	18-08458	Abida Sultana	Abiotic stress tolerance for sustainable agriculture
48.	18-08498	Md. Biplob Hosen	Determinacy and crop growth
49.	18-08499	Rakibul Islam	Fertilizer management for saline soil
50.	18-08510	Anik Saha	Cadmium toxicity in agronomic crops
51.	18-08520	Suborna Akter	Senescence in plant's life
52.	18-08522	Suty Mony	Root growth under abiotic stress
53.	18-08529	Mahedi Hasan Pappu	Crop production under climate change
54.	18-08532	Kanita Rahman	Photoperiods and crop production
55.	18-08533	Junia Subrin	Factor affecting harvest index of crop
56.	18-08537	Md. Mehedi Hasan	Water management in drought and salt-affected soils
57.	18-08548	Dipanwita Datta	Plant nutrients and abiotic stress tolerance
58.	18-08555	Md. Solaiman	Wheat responses and tolerance to drought
59.	18-08558	Mst. Hasnahena Khatun	Role of osmolytes under drought stress in crop plants
60.	18-08569	Sayedra Samiha Chowdhury	Metal/metalloid toxicity and crop quality
61.	18-08582	Anar Koli Rupa	Rice responses and tolerance to drought stress at panicle initiation stage
62.	18-08587	Afroza Sharmin Asha	Plant-water relations under abiotic stress
63.	18-08599	Mst. Dalia Sultana	Abiotic stress and postharvest losses
64.	18-08606	Abu Hanif	Mechanism of cadmium tolerance in plants
65.	18-08637	Rakib Sarkar	Mechanism of arsenic toxicity and tolerance in plants
66.	18-08638	Samsur Rahman Mansur	Approaches for Enhancing Abiotic Stress Tolerance in Plants
67.	18-08660	Sadek Hossen	Role of osmolytes under salt stress in crop plants
68.	18-08698	Sumaya Khatun	Research on abiotic stress by SAU researchers

Sl. No.	Reg. No	Name of Students	Topic
69.	18-08700	Sharmina Tasnim Labonnya	Abiotic stress and crop quality
70.	18-08704	Md. Seyam Sheikh	Role of stomata on plant physiological processes
71.	18-08706	Mst. Jannatul Fardaus	Phytoremediation of metal/metalloids
72.	18-08328	Puja Sarkar Moly	Approaches in enhancing photosynthesis in crops

Third Semester

Sl. No.	Reg. No	Name of Students	Topic
73.		17-07807	Rice responses and tolerance to arsenic
74.		17-07587	Seed priming and salt stress tolerance

Ph.D.

Sl. No.	Reg. No	Name of Students	Topic
75.	22010871	Umma Habiba	Role of organic amendments in enhancing drought tolerance in crops

76. Biotechnological tools in enhancing salt tolerance in plants

77. Biotechnological tools in enhancing drought tolerance in plants