

**Sher-e-Bangla Agricultural University**  
Department of Agronomy

**Course Title: Fertilizer Management**  
**Course Code: AGRO 513**  
**Credit Hours: 3**

**Course Content**

Fertilizer elements, types of fertilizers, fertilizer use statistics in Bangladesh, fate of applied fertilizer in crops and soil.

Soil fertility management under intensive and extensive cropping.

Determination of optimum fertilizer dose, factors influencing fertilizer dose, fertilizer dose in different crops under varying agro-ecological conditions and cropping systems.

Balanced fertilization, law of fertilizer applications, methods of fertilizer applications.

Principles of fertilizer applications, fertilizer use efficiency, fertilizer management in different crops.

**Course Title: Fertilizer Management**  
**Course Code: AGRO 513**

**Course Instructor:** 1. Dr. Md. Abdullahil Baque  
2. Mirza Hasanuzzaman

**Class Duration** : Sunday, 12:00—13:30; Tuesday, 10:30—12:00

**Class and Examination Schedule\***

Lecture No.	Date	Topic	Examination
1.	03/02/2013	Fertilizer element <sup>AB</sup>	
2.	05/02/2013	Fertilizer element <sup>AB</sup>	
3.	10/02/2013	Types of fertilizers <sup>AB</sup>	
4.	12/02/2013	Fertilizer statistics in Bangladesh <sup>AB</sup>	
5.	17/02/2013	Fate of applied fertilizer in crops and soil <sup>AB</sup>	
6.	19/02/2013	Fate of applied fertilizer in crops and soil <sup>AB</sup>	
7.	24/02/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	
8.	26/02/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	First Quiz
9.	03/03/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	
10.	05/03/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	
11.	10/03/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	
12.			First Class test
13.	12/03/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	Assignment
14.	19/03/2013	Soil fertility management under intensive and extensive cropping <sup>MH</sup>	
15.	24/03/2013	Determination of optimum fertilizer dose <sup>MH</sup>	
16.	31/03/2013	Factors influencing fertilizer dose	
17.	02/04/2013	Fertilizer doses in different crops under varying agro-ecological conditions and cropping systems <sup>MH</sup>	
18.	07/04/2013	Fertilizer doses in different crops under varying agro-ecological conditions and cropping systems	Second Quiz
19.	09/04/2013	Fertilizer doses in different crops under varying agro-ecological conditions and cropping systems <sup>MH</sup>	
20.			Second Class Test
21.	16/04/2013	Balanced fertilization <sup>MH</sup>	
22.	21/04/2013	Laws of fertilizer application <sup>MH</sup>	
23.	23/04/2013	Methods of fertilizer application <sup>MH</sup>	
24.	28/04/2013	Methods of fertilizer application <sup>MH</sup>	
25.	30/04/2013	Principles of fertilizer applications <sup>AB</sup>	Third Quiz
26.	05/05/2013	Fertilizer use efficiency <sup>AB</sup>	
27.	07/05/2013	Fertilizer management in different crops <sup>AB</sup>	
28.	12/05/2013	Fertilizer management in different crops <sup>AB</sup>	
		Final Examination	

\*This is a tentative schedules and subjected to change at any time.