



MONAD UNIVERSITY HAPUR (UP)
(SCHOOL OF AGRICULTURE SCIENCE & ENGINEERING)

Course : M.Sc (Ag) Agronomy Ist Semester

Subject Name : Modern concepts in crop production

Sub. Code : MSCAGN- 111

Assignment No: 1

Due date of submission: 10.11.2016

Instruction

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1 I- Define Agriculture? Explain the Branch of Agriculture? Write the relationship of Agronomy with other Science?

II- Define Agronomy? Explain the Scope of Agronomy? Write the role of Agronomists in modern Agriculture?

Q-2 I- Define crop? Explain the classification of crop on the basis of season? Write the effect of Environment on plants?

II -What is Organic Farming? Write the Importance of Organic Farming in Modern Agriculture?



MONAD UNIVERSITY HAPUR (UP)
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Course : M.Sc (Ag) Agronomy Ist Semester
Subject Name : Principles and practices of soil fertility and nutrient management
Sub. Code : MSCAGN- 112
Assignment No: 1

Due date of submission: 10.11.2016

Instruction

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1 (I) Give the table of Essential element of plants? Write the loss of nutrients in the soil?

(II) Write the Importance of nitrogen in plant? Write the effect of Calcium in plant?

Q-2 (II) Write the main Constituents of F.Y.M? Write the factors influencing the composition of Manure?

(II) What is Green Manure? Explain the advantage & needs of Green Manure in Agriculture?



MONAD UNIVERSITY HAPUR (UP)
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Course : M.Sc (Ag) Agronomy Ist Semester
Subject Name : Principles and practices of Weed Management
Sub. Code : MSCAGN- 113
Assignment No: 1

Due date of submission: 10.11.2016

Instruction

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1 (I) Define weed? Characteristic & classification of weed on the basis of season with example?

(II) Write the classification of weed on the basis of Cotyledons, Stem Growth Habit, weed – crop relation with example?

Q-2 (i) Explain the factor affecting of weed-crop competition, weed Growth & weed Germination?

(ii) (A) Explain the Agronomical Method of weed Control?

(B) Explain the biological Method of weed control with its advantages and limitations?



MONAD UNIVERSITY HAPUR (UP)
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Course : M.Sc (Ag) Agronomy Ist Semester
Subject Name : Principles and practices of Water management
Sub. Code : MSAGN-114
Assignment No: 1

Due date of submission: 10.11.2016

Instruction

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1.

- (a) Write the importance of water in plant life? Explain forms of Soil Water also.
- (b) Define Run-Off? How many types of run-off? Explain the factor affecting of Run-off.

Q2.

- (a) Explain the Hydrological cycle elements with the help of a suitable diagram
- (b) What do you mean by water use efficiency? Explain.