



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

Course : M.Sc (Ag) Agronomy IIIrd Semester

Subject Name : Agronomy of fodder and forage crops

Sub. Code : MSCAGN- 231

Assignment No: 2

Due date of submission: 23.10.2017

**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) Describe the scientific cultivation of Napier grass.

(II) Describe the scientific cultivation of cowpea.

Q-2-

(I) What is hay? Explain the preparation methods of hay.

(II) Describe the scientific cultivation of anjan grass.



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Course : M.Sc (Ag) Agronomy III<sup>rd</sup> Semester  
Subject Name : Cropping system and sustainable Agriculture  
Sub. Code : MSCAGN- 232  
Assignment No: 2  
Due date of submission: 23.10.2017

**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) What is modern tillage? Explain the role of tillage in sustainable Agriculture system.

(II) Explain the advantages and disadvantages of modern agriculture.

**Q.2.**

(I) What is sustainable Agriculture? Explain the difference between modern agriculture and sustainable Agriculture

(II) Describe the role of modern tillage in the maintenance of sustainability.



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Course : M.Sc. (Ag) Agronomy III<sup>rd</sup> sem  
Subject Name : Dry land farming and watershed management  
Sub. Code : MSCAGN-233  
Assignment No: 2  
Due date of submission: 23.10.2017

**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) What is moisture stress? Explain the effect of moisture stress on plant growth.
- (b) Describe the guideline of ICAR for dry farming.

**Q-2:-**

- (a) What do you mean by crop adaptation under drought? Explain adaptation to moisture stress.
- (b) Describe the details of watershed and achievements of G.R. Haldi project, Chitra Durga (Karnataka).



**MONAD UNIVERSITY HAPUR (UP)**  
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Course : M.Sc (Ag) Agronomy IIIrd Semester

Subject Name : Principles and practices of organic farming

Sub. Code : MSCAGN- 234

Assignment No: 2

Due date of submission: 23.10.2017

**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) What is F.Y.M.? Explain the factors influencing the composition of F.Y.M.

(II) What is compost? Explain the required material for making compost.

**Q.2**

I- What is green manuring? Explain the methods of green manuring.

II-What is vermin compost. Explain the importance of vermin compost in crop production.