



### LESSON NOTES

**School:** Ba Sangam College  
**Subject:** Agricultural Science

**Year/ Name:** 9 \_\_\_\_\_  
**Worksheet:** 18

<b>Strand</b>	AS 9.3. Agronomy
<b>Sub Strand</b>	AS 9.3.2 Horticulture
<b>Content Learning Outcome</b>	Students are to learn and practice skills in this strand by carrying out practical work.

#### **LESSON 1/2: MULCHING/ SHADING**

**Learning Outcomes:** At the end of this lesson the student will

- discuss the advantages and disadvantages of mulching.
- identify suitable mulching material for crops on the school farm.
- practice mulching
- discuss the shading of crops.
- compare materials used for shading crops

#### **Notes:**

Mulching is a practice in which the surface of soil is covered with material. This material may include grass clippings, leaves, wood shavings, straw, polythene sheeting or other material. Various materials can be used to cover the soil surface.

Shading is the practice of providing a cover over delicate plants and is usually provided for a limited time e.g. shade is provided for:

- one week after seeds have germinated into seedlings in a seedbed.
- three to four days after seedlings have been transplanted.

Various materials can be used to shade delicate plants.

### **Activity Worksheet 18**

1. State two advantages and three disadvantages of mulching.

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**(5 marks)**

2. John sowed some lettuce seeds in a seed box on April 10th. Three days later, he noticed that the seedlings had germinated. One sunny day, when the seedlings were four weeks old, John transplanted 150 seedlings into his garden plot.

i) When should John remove the shade from the seedlings in the seed box?

A) April 11th      B) April 17th      C) April 23rd      D) April 30th

**(2 marks)**

ii) Which type shade material would you advise John to use on the transplanted seedlings and why?

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**(2 marks)**

3. State three importance of shading?

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**(3 marks)**

4. State three practices that needs to be considered when applying mulch.

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**(3 marks)**