



LESSON NOTES

School: Ba Sangam College
Subject: Agricultural Science

Year/ Name: 9 _____
Worksheet: 20

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

LESSON 6/7/8: FERTILIZING MATERIAL/ FERTILIZING MATERIAL APPLICATION/PROVIDING SUPPORT

Lesson Outcome: At the end of this lesson the student will:

- explain the differences between organic and inorganic fertilizing material
- determine the fertilizing material suitable for crops in the school gardens
- discuss fertilizing material application methods.
- discuss why certain plants need support
- discuss the type of support suitable for plants

Notes:

Fertilizing materials are used to add nutrients which plants need to soil. These materials may be organic or inorganic. Organic fertilizing materials are commonly known as manure. Fresh organic materials are usually decomposed into compost before being used as fertilizing material.

Farmers choose the method of fertilizing application to use based on the type of fertilizing material, area of the crop and the equipment available. Methods of applying fertilizing materials:

- broadcasting
- placement
- application of liquid fertilizing material

Plants with weak stems need support which is provided by farmers using staking and trellising.

Staking	branches, reeds, sticks, metal frames, other living plants
Trellising	posts and wire, bamboo onto trees, trunks of trees, fences

Activity Worksheet 20

1. Compare between organic and inorganic materials.

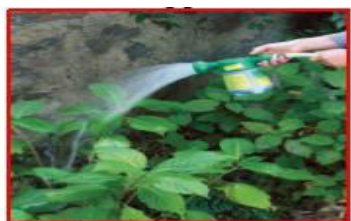
(3 marks)

2. Differentiate between basal application and side dressing.

(2 marks)

3. Identify the type of fertilizer application method practiced below.

(2 marks)



<http://www.finegardening.com>

4. Discuss why certain plants need support.

(2 marks)

5. State three ways in which providing support helps the plant.

(6 marks)