



LESSON NOTES

School: Ba Sangam College
Subject: Agricultural Science

Year/ Name: 13 _____
Worksheet: 10

Strand	AS 13.3 Agronomy
Sub Strand	AS 13.3.1 Soil Science
Content Learning Outcome	Demonstrate the assessment methods in determining the chemical properties of the soil.

LESSON 5 NUTRIENT, PEST, WEEDS AND DISEASE MANAGEMENT PRACTICES

Lesson Outcome: At the end of this lesson student should be able to:

1. Identify the appropriate and suitable organic nutrient required by the selected vegetable grown.
2. Demonstrate the skill of application of the appropriate organic nutrient on the selected vegetable grown
3. Demonstrate the skill of selecting the appropriate method of controlling of pest, weeds and diseases on the selected vegetable grown.

Definition:

Top dress: an application of manure or fertilizer to the surface layer of soil or a lawn.

Pest- repelling plants: includes plants for their ability to repel insects, nematodes, and other insects.

Notes

Vegetable need essential nutrients, sunlight, water for proper growth. Weeds, pest and diseases affect crop growth by competition for water, space, sunlight and food. Proper management practices will boost plant performance and growth.

It is important to maintain plant growth once it is planted directly or transplanted.

Three types of management practices:

- Weed, pest and disease management
- sunlight management
- nutrient management
- water management

Activity worksheet 10

1. Explain one reason why organic vegetable container garden needs to be supplied with compost nutrient.

(2 marks)

2. State an advantage of using pest repelling plants to control pest.

(2 marks)

3. Discuss one characteristic of pest-repelling plants and why they are used for controlling pest, weeds and diseases.

(2 marks)

4. State any four operations that are conducted to avoid infestation of pest, weeds and diseases.

(8 marks)

5. State the difference between waterlogged soil and dry soil in relation to plant growth.

(2 marks)

6. Name two insect repellent plants.

(2 marks)

7. State two reasons why sunlight management is crucial for plant growth.
