



LESSON NOTES

School: Ba Sangam College
Subject: Agricultural Science

Year/ Name: 9 _____
Worksheet: 21

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 9/10: PESTS/DISEASES

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

- i) discuss the effects which pests have on crops.
- ii) identify signs of pests in the school gardens.
- iii) identify 5 causal agents of diseases in plants
- iv) identify some symptoms caused by the 5 causal agents iii. discuss the Disease Triangle

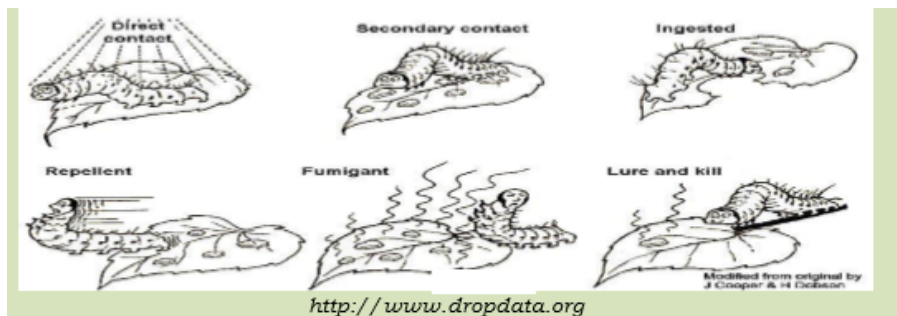
Notes:

Pests are organisms which cause injury, loss or death to other organisms. Farmers try to prevent pests from entering their farm. Once a pest has infested a farm, the farmer has to decide if it is causing enough damage to warrant control then choose and implement a suitable method for controlling the pest.

Diseases are infections caused by pathogens which result in sickness, loss or death to other organisms. Farmers try to prevent pathogens from entering their farm. Once a pathogen has infected a farm, the farmer has to decide if it is causing enough damage to warrant control then choose and implement a suitable method for controlling the disease.

Activity Worksheet 21

1. The diagrams below illustrate 6 ways in which chemicals used to control pests work. Discuss each method.



Direct contact-

Secondary contact-

Ingested-

Repellent-

Fumigant-

Lure and kill-

(6 marks)

2. Identify 5 causal agents of diseases in plants

(4 marks)

3. Identify some symptoms caused by the 5 causal agents

(5 marks)