



2nd Semester 2007/2008

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION

**PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE YEAR 5
(HORTICULTURE OPTION)**

COURSE CODE: HORT 507

TITLE OF PAPER: HORTICULTURAL CROP PROTECTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS:

- 1. THIS PAPER HAS FIVE QUESTIONS**
- 2. ASWER FOUR (4) QUESTIONS**
- 3. ALL QUESTIONS HAVE 25 MARKS. MARKS OF
SUBSECTIONS ARE INDICATED IN BRACKETS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE
CHIEF INVIGILATOR**

QUESTION 1

Select any horticultural crop pests and then answer the following questions:-

- a. How would you identify each of the named pests above? (5)
- b. What plant damage does each these of cause? (5)
- c. How would you control each one of these? (10)

(25 MARKS)

QUESTION 2

Using a named crop, explain what you consider to be the basic principles in crop protection.

(25 MARKS)

QUESTION 3

Explain how you would use cultural control to deal with both insect pests and plant diseases.

Give specific crop examples to illustrate your answer.

(25 MARKS)

QUESTION 4

Chemical control is widely used for both insect pest and plant disease problems. Is this justifiable? Discuss.

(25 MARKS)

QUESTION 5

Legal or legislative pest control is not only essential but universally used everywhere in the world. Discuss.

(25 MARKS)