



SUPPLEMENTARY 2011/2012

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**UNIVERSITY OF SWAZILAND
SUPPLEMENTARY EXAMINATION PAPER**

PROGRAMME: BACHELOR OF SCIENCE IN AGRONOMY YEAR IV

COURSE CODE: CP 408

TITLE OF PAPER: WEED MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

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

QUESTION 1

- (a) What are herbicides? (5 marks)
- (b) Discuss the mode of action of herbicides. (15 marks)

QUESTION 2

Discuss in detail why weeds are difficult to control. (20 marks)

QUESTION 3

Discuss characteristics of weeds that make them persistent problems in crop production. (20 marks)

QUESTION 4

Discuss the importance of weeds in agriculture including problems imposed by weeds in general. (20 marks)

QUESTION 5

Briefly discuss the mechanical methods of weed control. (20 marks)

QUESTION 6

- (a) Outline the major contribution of herbicides to modern crop management and weed control today. (10 marks).
- (b) Discuss how herbicides are able to kill weeds and not crops. (10 marks)

QUESTION 7

Identify four weed species that are common in Swaziland and write a brief note about each one of them. (20 marks)