

SUPPLEMENTARY 2013/2014



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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

INSTRUCTIONS: ANSWER ALL QUESTIONS

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CHIEF INVIGILATOR

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QUESTION 1

How much yield is lost due to weeds? **[25 MARKS]**

QUESTION 2

(a) Describe five types of vegetative reproductive organs weeds possess. [12.5]

(b) For each vegetative organ, describe why it makes weeds hard to control. [12.5]

[25 MARKS]

QUESTION 3

(a) Describe the life cycle and effect of a named parasitic weed for a cereal crop and a legume crop, respectively. [12.5]

(b) Highlight successes and challenges in the control of the parasitic weeds showing similarities and differences between the parasitic weeds in relation to their persistence under the respective host crops. [12.5]

[25 MARKS]

QUESTION 4

How can herbicides be safely used? **[25 MARKS]**