



2<sup>ND</sup> SEM. 2006/2007

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**UNIVERSITY OF SWAZILAND  
FINAL EXAMINATION PAPER**

**PROGRAMME: DIPLOMA IN AGRICULTURE III AND  
DIPLOMA IN AGRICULTURAL EDUCATION  
YEAR III**

**COURSE CODE: CP 301 /**

**TITLE OF PAPER: INTRODUCTION TO FIELD CROPS**

**TIME ALLOWED: TWO (2) HOURS**

**INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS.  
N.B: USE SEPARATE ANSWER SCRIPT FOR  
QUESTION (5)**

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

**INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS.  
N. B. ANSWER QUESTION FIVE (5) IN A SEPRATE  
ANSWER SCRIPT.**

**QUESTION 1**

How can the yield of sweet potato be increased in Swaziland , or in your own country if other than Swaziland.

**(25 marks)**

**QEUSTION 2**

Discuss the advantages and disadvantages of growing sugarcane in Swaziland.

**(25 marks)**

**QUESTION 3**

Write a crop production guide for a farmer who wishes to grow tobacco in Swaziland.

**(25 marks)**

**QUESTION 4**

Write an essay on the status of grain crops in Swaziland.

**(25 marks)**

**QUESTION 5**

- (a) (i) What is a yield component?  
(ii) List any five components of wheat yield

(5 marks)

- (b) Briefly describe the importance of the following expressions in wheat Production:-

- (i) Wheat quality;  
(ii) Time of planting;

(10)

**AND EITHER**

- (iii) Irrigation management

**OR**

- (iv) Nitrogen management

(15 marks)  
(205marks)