



**2<sup>ND</sup> SEM. 2004/2005**

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**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME:                    BACHELOR OF SCIENCE IN AGRICULTURE  
   YEAR 4 (CROP PRODUCTION AND  
   HORTICULTURE OPTIONS)**

**COURSE CODE:                CP 406**

**TITLE OF PAPER:             CROP BREEDING**

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

**INSTRUCTIONS:              ANSWER ALL QUESTIONS**

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

**QUESTION 1**

**What were Reverend Thomas Malthus postulations of 1798? Indicate whether his postulates were met or not. If they were not met give a detailed accounts of why they were not met.**

**(25)**

**QUESTION 2**

**Write short notes on the contribution of the following scientists in our understanding of plant breeding concepts today.**

- a) East**
- b) Johannsen**

**(25)**

**QUESTION 3**

**Discuss patterns and the influences that man played in crop evolution of cultivated plants species.**

**(25)**

**QUESTION 4**

**Discuss the role played by plant introductions in crop improvement programs.**

**(25)**