



SUPPLEMENTARY 2004/2005

PAGE 1 OF 2

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY 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

Write a paper on the importance and practices of seed gene bank and its management.

(25)

QUESTION 2

Discuss the development and the genetic basis of the pure line theory

(25)

QUESTION 3

What are the genetic consequences of crop hybridization?

(25)

QUESTION 4

Compare and contrast the pedigree and bulk methods of line development.

(25)