

21 AUG 2006

Sir Arthur Lewis Community College
Division of Agriculture

Sir Arthur Lewis Community College
Hunter J. Francois
19 MAY 2005
Library
Mona Fortuno, Castries, Saint Lucia

2003/2003 Certificate Programme
End of Semester I Examination

Course: Vegetable & Food Crop Production VFC512
Duration: 2 ½ hours

Date: December, 2003

#V9

Answer Any Four (4) Questions

1. (a) Prepare a cropping schedule for a named vegetable crop and explain how this may be beneficial to the farmer. **(15 marks)**
(b) Classify any five (5) vegetable crop under the following headings:- family, genus and species. **(10 marks)**
2. (a) Yield may be loss at three (3) stages of the production cycle, namely pre-harvest, harvest and post-harvest stages. Discuss two ways that yield may be loss at each stage and recommend ways to reduce the losses identified. **(15 marks)**
(b) Name the major components necessary for proper storage of vegetables and explain what would result if these requirements are not met. **(10 marks)**
3. (a) Compare the land preparation, spacing and yields of any two (2) root crop studied. **(10 marks)**
(b) Identify the commonly used planting material for cassava and yam. Discuss their treatment prior to planting. **(10 marks)**
(c) Generally roots are less susceptible to pest compare to above ground produce. Why? **(5 marks)**
4. (a) Explain why weed control is critical in vegetable production. **(10 marks)**
(b) Identify the methods of weed control commonly used in the Caribbean and state what criteria you would use when selecting a particular control method. **(15 marks)**
(c) Define germination. State and differentiate types of germination.
5. (a) What do you understand by the phrase “ecological requirements” of a crop. **(10 marks)**
(b) Discuss the specific ecological requirement of a named vegetable crop. **(10 marks)**
(c) Discuss that factors that would influence your decision as to when to harvest a particular crop. **(10 marks)**

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