

VF DAGRI last papers



Sir Arthur Lewis Community College
Division of Agriculture
Certificate Programme



1999/2000 Academic Year
End of Semester Examination

Course: Banana & Fruit Crop Production - BFC512

Date: May 2000

Duration: 2 1/2

#1

Answer any Four Questions

1. (a) Discuss banana cultivation under the following headings:
 - i) Planting material and spacing (5 marks)
 - ii) Fertilization (5 marks)
 - iii) Control of stem borer and leaf spot (5 marks)
- (b) Discuss two measures a farmer may use to enhance the quality of bananas. (10 marks)
2. Write short notes on the following:
 - i) Pruning (5 marks)
 - ii) Thinning out (5 marks)
 - iii) Crop rotation (5 marks)
 - iv) Transportation (5 marks)
 - v) Mulching (5 marks)
3. Discuss either pineapple or passion fruit production beginning with its family and scientific nature, and stating the ecological requirement and agronomic practices necessary for its successful establishment. (25 marks)
4. Soils tend to lose their fertility after a period of continuous cropping:-
 - a) Discuss briefly three ways a soil may lose its fertility and three ways it may regain it. (20 marks)
 - b) Discuss two factors that could influence the spacing of a crop. (5 marks)
5. a) What do you understand by the term post harvest technology? (5 marks)
- b) Discuss briefly the post harvest handling of one of the following
 - i) mango
 - ii) pineapple
 - iii) avocado (10 marks)
- c) Pests and diseases are the most common causes of post harvest losses. In general terms discuss the ways in which you would address this problem. (10 marks)
6. The production and/or production expansion of many of fruit crops in St. Lucia is hampered by a number of factors. Discuss. (25 marks)

