
Question 21 (7 marks)

- (a) What is meant by the term *ecologically sustainable food production*? 2

ecologically sustainable food production refer to the production methods of food. These methods are more beneficial to the environment such as organic farming.

- (b) Discuss the use of genetically modified crops in food production. 5

Genetically modified crops ~~help~~ ~~to genetically improve~~ are produce that has been modified for a beneficial purpose. By genetically modifying crops, plant species can become more resistant to deterioration or spoilage. Examples are pesticide-resistant plant species which means the plants are resistant to pesticides that normally spoil the produce. Genetic modification can assist in food production as by manufacturing these crops, higher yields are produced.