Question 21 (7 marks)

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

The term ecologically sustainable food production means that production is continued so as to meet the demands of the current population without hindering the next generations resources and limiting emironment degradation.

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

Genetically modified crops involves the use of biotechnology to alter the genetic material of a certain product. Genetical modified crops have a higher resistance to disease and pests, while simulateously increasing crop yields and nurtional benefits. The nursionally benefits involved with the use of genecically modified foods effects the production process. Genetically modified foods can already contain charateristics that no longer need to be added during production in Increased levels of Vitamins. GM foods can also be developed to provide extended shelf life and production out side of season, this increases supply to manufacturen reducing guits during harvest. Te. stramberries. GM foods have vastly affected food production.