
Question 21 (7 marks)

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

2

The production ~~or manufacture~~ of food in a way that doesn't harm the environment or use ~~up~~ non-renewable resources. A ~~continuous~~ ^{ongoing} (sustained) environmental production (growth) of food.

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

5

GM crops are used to increase yields - through resistance to the environment or pests, ^{therefore more produce.} import desirable characteristics on crops - taste/shelf life in food product. GM crops also ^{can} have beneficial impacts on human health & the economy through added vitamins/minerals & global sales which increase food industry profits & production. ~~In Food production GM positively influences therefore through~~ However there is concern for long term human health affects & environmental concerns in food production. Therefore GM crops or biotechnology has benefits & risks for the economy, environment & consumer through yield size, characteristics, safe, health & sustainability.