



Fusarium produces mycoprotein

Allows efficient food production through microorganisms

Prevents extinction of fish species

Introduce fishing quotas

Bacteria can be modified to produce insulin for diabetes

Genetic engineering/ modification

Biotechnology and food production

Ensures fish populations do not decline

Higher yield and less wastage of produce

7. FOOD PRODUCTION

Sustainable fisheries

Control net size

Increasing birth rate, decreasing death rate

Factors affecting food security

Farming techniques

Use of pesticides, herbicides and fertilisers

Changing diets - increasing demand for meat in developing countries

Natural disasters and climate change

High food demands mean that efficiency and yield must be maximised

Pests and disease

War and conflict

Limit energy loss: restrict movement, keep at optimum temperature, minimise disease

Selective breeding and genetic modification