

Food supply

Name five ways humans have increased food production.

Food supply

Why do farmers use herbicides?

Food supply

Why do farmers use insecticides?

Food supply

What is a monoculture?

Food supply

Disadvantages of large-scale monocultures?

Food supply

Advantages and disadvantages of intensive livestock production?

To kill weeds and so reduce competition with the crop for light, water and ions.

Machinery, chemical fertilisers, insecticides, herbicides and selective breeding.

Growing a single crop plant on a large area of land.

To kill insect pests so that crop quality and yield improve.

Advantage: much food from little land at low cost. Disadvantage: welfare problems, disease spread, waste pollution.

Pests and disease spread quickly; low biodiversity; lots of fertiliser needed; chemicals can pollute water.