

Chapter 21

Human influences on ecosystems

21.1 Food supply

01.0610_w21_qp_21 Q: 39

What is an effect of an increase in the use of insecticides?

- A** decreased competition between crop plants and weeds
 - B** decreased numbers of extinctions
 - C** decreased numbers of pollinators
 - D** decreased use of fertilisers
-

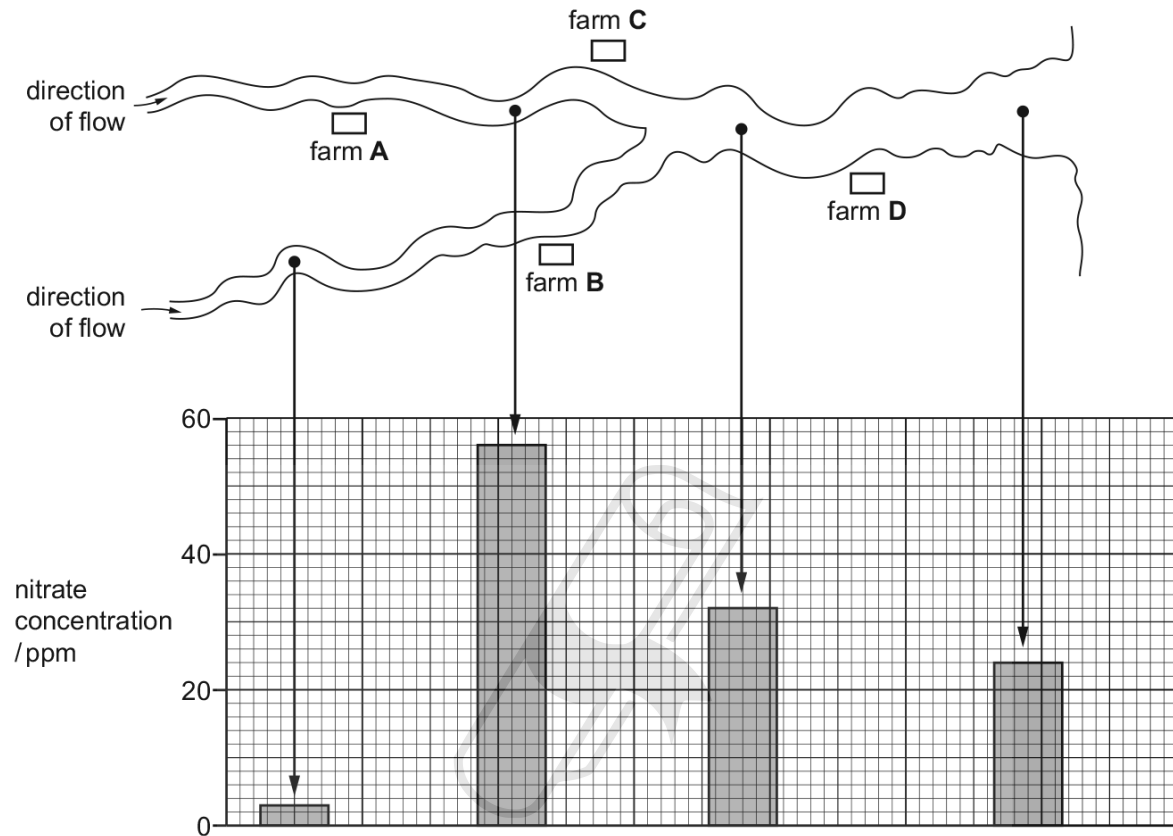


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02. 0610_m20_qp_22 Q: 40

The diagram shows the positions of four farms and the concentrations of nitrate at different points in a river.

Which farm is likely to have been using too much fertiliser on its land?



03. 0610_w20_qp_22 Q: 39

What is an example of sustainable use of resources?

- A allowing only young fish to be caught
- B cutting down a forest and not replanting trees
- C controlling the number of fish caught with quotas
- D planting deforested areas with one species of crop plant

21.1. FOOD SUPPLY

04. 0610_s19_qp_21 Q: 40

Large areas of tropical forests have been cleared to grow monocultures of palm oil plants.

Which effect will this have on the ecosystem?

- A The use of fossil fuels in the area will decrease.
 - B The use of pesticides in the area will decrease.
 - C The variety of species in the area will decrease.
 - D The variety of species in the area will increase.
-

05. 0610_s19_qp_22 Q: 40

What is **not** a reason for using chemical fertilisers in food production?

- A improving growth rate
 - B improving mineral content of the soil
 - C increasing yields
 - D reducing competition with weeds
-

06. 0610_m18_qp_22 Q: 38

What is a major contributor to the problem of worldwide famine?

- A equal distribution of food
 - B increasing population and life expectancy
 - C large-scale monoculture of crop plants
 - D use of herbicides and insecticides in farming
-

07. 0610_s18_qp_22 Q: 39

What would be unlikely to increase the risk of human famine?

- A a rapidly increasing human population
 - B flooding of land
 - C lack of rain causing a drought
 - D the use of pesticides on crops
-

| SN | Paper | Q. No. | Answer |
|----|----------------|--------|--------|
| 01 | 0610_w21_qp_21 | 39 | C |
| 02 | 0610_m20_qp_22 | 40 | A |
| 03 | 0610_w20_qp_22 | 39 | C |
| 04 | 0610_s19_qp_21 | 40 | C |
| 05 | 0610_s19_qp_22 | 40 | D |
| 06 | 0610_m18_qp_22 | 38 | B |
| 07 | 0610_s18_qp_22 | 39 | D |



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