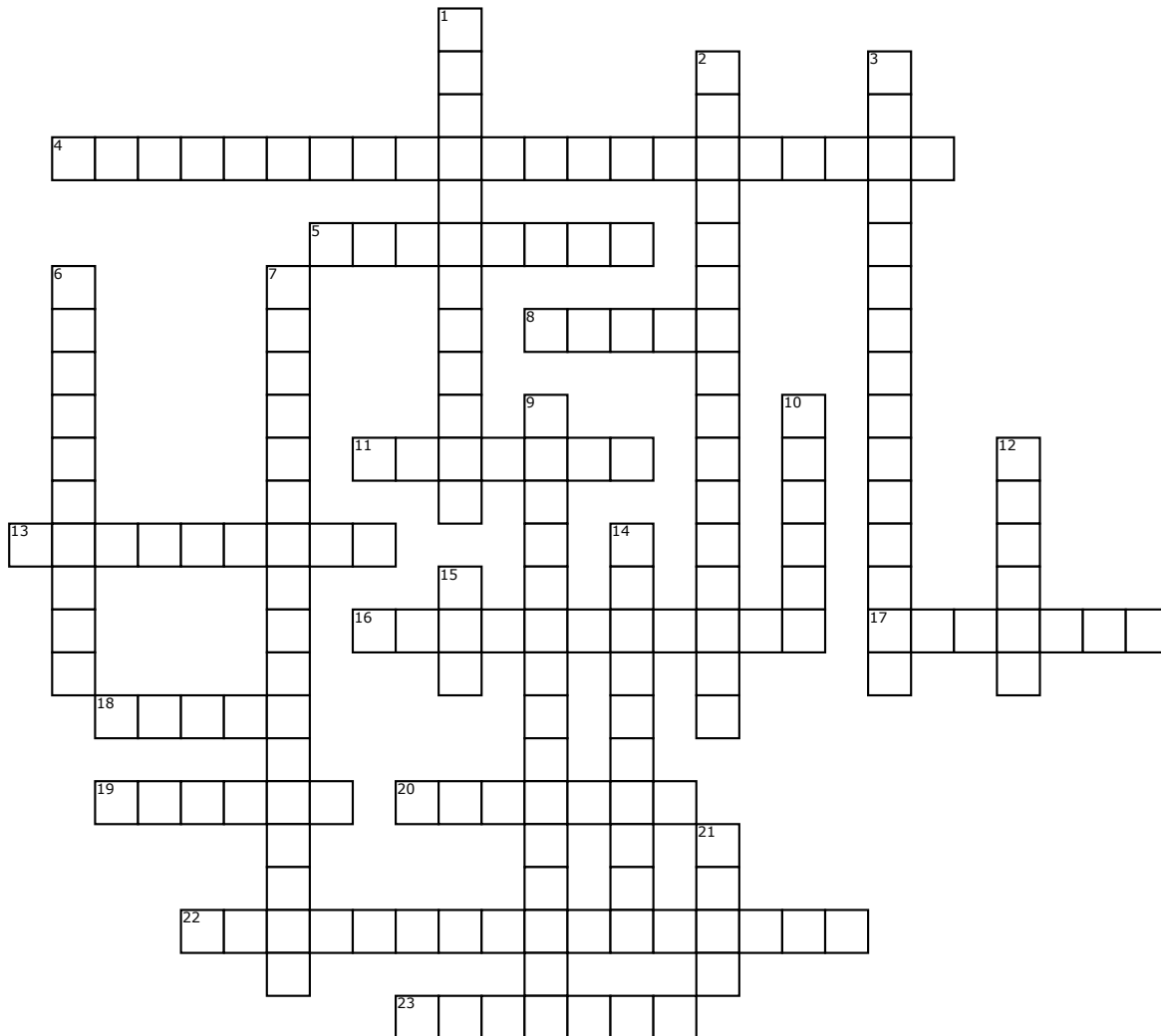


Agricultural systems and pest control



Across

- 4.** Form of pest control that focusses on acceptable levels of the pest rather than eradication (10, 4, 7)
5. Used as a biological control agent against the greyback beetle (4,4)
8. A mycoprotein
11. A type of intensive farming, particularly of hens
13. Chemicals that kill unwanted plants
16. Growing plants in mineral solution instead of soil
17. Type of farming that bans the use of fertilisers, herbicides and pesticides, and replace these with more 'natural' methods
18. United Nations FAO key product
19. Type of genetically modified rice

- 20.** Brassicas are all derived from this wild plant
22. Higher in natural ecosystems (7,9)
23. Biological control agent used against aphids

Down

- 1.** Measure of the availability of food (4, 8)
2. The increase in concentration of a toxic substance in a food chain
3. The accumulation of pesticides in an organism
6. An organism that contains a gene from a different species in its genome
7. Ancient method of modifying domestic plants and animals (9, 8)
9. The amount of energy converted and stored by plants after losses via respiration are included (3, 12)

- 10.** Type of microorganism that caused the Irish potato famine
12. Agricultural systems do not allow this type of community to develop
14. Ideally, pesticides should do this once used
15. Insecticide used in the 1950s
21. An organism that competes with humans for food, space or is a danger to health