



How much do you KNOW about GMOs?

1. What does GMO stand for?

- a) Giant mutant organisms.
- b) Genetically modified organisms.
- c) General molecular organics.

2. What is the internationally accepted definition of a GMO?

- a) A plant produced in the same way as occurs in nature.
- b) A plant produced in a way that cannot occur in nature.

3. Tick all the statements you think are true:

- a) GMO crops pose no threat to the environment.
- b) GMO crops yield more than organic crops.
- c) GMO crops use fewer pesticides than normal crops.
- d) None of the above.

4. What are the four most common GMO crops in the world?

- a) Corn (maize), soybeans, canola (oil seed rape), cotton.
- b) Corn (maize), rice, beans, apples.
- c) Tomatoes, rice, beans, potatoes.
- d) Soybeans, wheat, seedless watermelon, salmon.

5. Which country grows more GMOs than any other?

- a) China
- b) America
- c) India
- d) Australia

6. What is a pesticide?

- a) A harmless spray used to help plants grow better.
- b) A poisonous chemical that is used to kill insects, weeds and other living organisms to keep them from harming food crops.

7. GMO crops require more pesticides to grow and as a result increase the risk of residues in the environment and food.

- a) True
- b) False

8. Which insect is population is declining alarmingly due to the pesticides used on GM crops?

- a) Grasshopper
- b) Monarch butterfly
- c) Horsefly
- d) Cricket

9. Genetic engineering in a type of corn known as Bt makes it do what?

- a) Produce its own insecticide.
- b) Grow significantly faster.
- c) Replant itself.
- d) Taste sweeter and juicier.

10. GMOs are helping to rid the world of hunger and malnutrition.

- a) True
- b) False

11. What is the only GMO food ever to be sold in the UK?

- a) KrunchyKorn Maize
- b) EverGreen Beans
- c) FlavrSavr Tomato
- d) SuprSpud Potato

12. Which country/countries in the UK wants to be GM Free?

- a) England
- b) Wales
- c) Scotland
- d) Northern Ireland
- e) All of the above
- f) None of the above

13. A type of GM rice called 'golden rice' has been engineered to produce a form of vitamin A, which can help fight blindness. How many bowls of this rice would a child need to eat every day to get enough vitamin A to stay healthy?

- a) 1
- b) 3
- c) 10
- d) 27

14. There are no GMOs being grown anywhere in Europe:

- a) True
- b) False

15. Which statement is true?

- a) GMOs are safe for people and animals to eat.
- b) Eating GMOs has been associated, in scientific studies, with allergies, digestive, developmental and nutritional problems in both humans and animals.

16. Which biotechnology company is the largest in the world, and is also responsible for the majority of the GMOs in the food supply?

- a) Nestle
- b) Heinz
- c) Monsanto
- d) Nike

17. Which of these animals has been genetically engineered to grow faster, becoming the first genetically modified animal intended for human consumption?

- a) Salmon
- b) Pigs
- c) Lobster
- d) Chickens

18. Which type of food label guarantees that your food is free from GMO ingredients, additives and feed?

- a) Freedom food
- b) All Natural
- c) Red tractor
- d) Organic

How well did you do?

Turn over to see the
answers...

ANSWERS

1. b) Genetically modified organisms.
2. b) A plant produced in a way that cannot occur in nature.
3. d) None of the above. In fact studies show that GMOs use more pesticides than conventional crops and as such are a threat to a huge variety of wildlife. Studies shows that their yields are similar and often less.
4. a) Corn (maize), soybeans, canola (oil seed rape), cotton.
5. c) America.
6. b) A poisonous chemical that is used to kill insects, weeds and other living organisms to keep them from harming food crops.
7. a) True.
8. b) Monarch butterfly. The herbicide glyphosate, which is used on GMO crops kills milkweed, which is the main food source of the Monarch butterfly.
9. a) Produce its own insecticide.
10. b) False. GMOs have been around for more than 20 years and in that time the level of global hunger and malnourishment has largely stayed the same. UN backed studies show that GMO crops have made little or no contribution to combating hunger and malnutrition.
11. c) FlavrSavr Tomato. This tomato was sold in the UK between 1996-99 but was withdrawn due to lack of consumer interest.
12. b) Wales; c) Scotland; and d) Northern Ireland. England, where the majority of the UK's arable farmland is, wants to plant GMO crops.
13. d) 27. In fact, the development of GM rice has consistently failed and has not made it out of research trails. If you want to ensure vulnerable children get enough vitamin A, there are many non-GM foods, such as carrots and sweet potatoes which contain more.
14. b) False. Spain produces GM Maize for animal feed". This is the only GM crop currently allowed in the EU and in global terms its contribution is small. About half of the countries in the EU, however, have refused to rule out growing GMOs at some point in the future.
15. b) Eating GMOs has been associated, in scientific studies with allergies, digestive, developmental and nutritional problems in both humans and animals.
16. c) Monsanto is the largest biotechnology company in the world. Others include Syngenta, Bayer Crop Science, DowDuPont and BASF. These companies don't just 'do science' in the lab. They actively buy up and control seed patents and large portions of the food system, which gives them the power to make crucial decisions about what we all eat.
17. a) Salmon. The Aqua Advantage Salmon has been engineered to grow twice as fast as normal salmon. This growth rate cause significant health problems for the fish. So far, the GMO salmon is only approved for sale in the US. It has never been tested to show it is safe to eat and there are major concerns about its environmental impact.
18. d) Organic. Certified organic foods are guaranteed to be free from GMO ingredients. In addition, while many conventionally raised animals in the UK are fed on GMO feed, organic meat, fish and chicken and eggs come from animals that have been fed on non-GMO feed.

You can find out more about GMOs – and take part in our campaigns – by logging on to any of our websites:

www.beyond-gm.org
www.gmfreeme.org
www.theletterfromamerica.org

