



LIVING GREEN

Producing and Obtaining Food

Explore the environmental, health, and social issues of modern agriculture. Topics include sustainable agriculture, genetically modified foods, and agribusiness.

What did you learn?

QUESTIONS

1. Foods that are produced using methods that do not cause harm to the environment, to the people who eat the foods, or to the people who grow them are known as ...
 - a. Green foods
 - b. Responsible foods
 - c. Recyclable foods
 - d. Greenhouse foods
2. Biologically produced pesticides are called ...
 - a. Earth pesticides
 - b. Biopesticides
 - c. Green pesticides
 - d. Organic pesticides
3. To ask how meat was produced, you can buy meat from ...
 - a. A butcher shop or directly from a farmer
 - b. A large grocery chain
 - c. The internet
 - d. A drugstore
4. Some schools break for lunch for about two hours so the students can go home to eat, in ...
 - a. The United States
 - b. Japan
 - c. England
 - d. France
5. What is *global warming*?
6. What is the *greenhouse effect*?

TRUE OR FALSE?

- _____ 1. Though genetically modified foods are relatively new to agriculture, the principle of selectively breeding crops or animals has been used by farmers for thousands of years.
- _____ 2. The soil becomes depleted if the same crop is grown year after year.
- _____ 3. Organic farms consistently have high chemical residues in their soil and crops.
- _____ 4. Local food often has less embodied energy than food that must travel long distances.
- _____ 5. As large fish eat small ones, toxins like mercury become less concentrated.
- _____ 6. Independent grocery stores run by local owners rarely respond to customers' requests.

ANSWERS

- 1. A. Green foods.** According to section "Introduction" on page 4, we know that "'Green' foods are foods that are produced using methods that do not cause harm to the environment, to the people who eat the foods, or to the people who grow them." So, the correct answer is A.
- 2. b. Biopesticides.** According to section "Alternatives to Synthetic Chemicals" on page 21, we know that "There are three basic types of biologically produced pesticides called biopesticides." So, the correct answer is B.
- 3. a. A butcher shop or directly from a farmer.** According to section "Meat and Poultry" on page 39, we know that "Buying meat from a butcher shop or directly from a farmer allows customers to talk to the seller and find out how the meat was produced." So, the correct answer is A.
- 4. d. France.** According to section "Going Green at School" on page 57, we know that "In France, some schools break for lunch for about two hours so that students can go home to eat." So, the correct answer is D.
- 5.** According to page 60, *global warming* is "the gradual warming of Earth's surface, believed to be caused by a build-up of greenhouse gases in the atmosphere."
- 6.** According to page 60, the *greenhouse effect* is "the process by which certain gases cause the Earth's atmosphere to warm."

TRUE OR FALSE? ANSWERS

- 1. True.** According to section "Genetically Modified Foods" on page 10, we know that "Though genetically modified foods are relatively new to agriculture, the principle of selectively breeding crops or animals has been used by farmers for thousands of years." So, the correct answer is True.
- 2. True.** According to section "Environmental Effects of Conventional Agriculture" on page 17, we know that "The soil becomes depleted if the same crop is grown year after year, so more agrochemicals must be used." So, the correct answer is True.
- 3. False.** According to section "Examining Organic Foods" on page 26, we know that "Organic farms consistently have lower chemical residues in their soil and crops, as well as increased biodiversity." So, the correct answer is False.
- 4. True.** According to section "Making Green Food Choices" on page 32, we know that "Local food often has less embodied energy than food that must travel long distances." So, the correct answer is True.
- 5. False.** According to section "Seafood" on page 44, we know that "As large fish eat small ones, such toxins as mercury become concentrated." So, the correct answer is False.
- 6. False.** According to section "Where to Shop" on page 51, we know that "Independent grocery stores run by local owners may feature more local items than large chains, and they often respond to customers requests." So, the correct answer is False.