

Name:

Date:

Class:

Lesson 10.2: The Dairy Industry

Know and Understand

Answer the following questions using the information provided in this lesson.

1. *True or False?* Less than 65% of dairies in the United States are family-owned and operated. (10.2.1)

Answer:

2. What is the main commodity produced from dairy cattle? (10.2.1)

- A. Beef
- B. Milk
- C. Cheese
- D. All are correct.

Answer:

3. Which is not a common product made from cow's milk? (10.2.1)

- A. Butter
- B. Yogurt
- C. Almond milk
- D. Cheese

Answer:

4. When dairy cattle give birth, the calves _____. (10.2.2)

- A. nurse until they reach 6 to 8 weeks of age
- B. remain with the cows to nurse for only a few hours
- C. are placed in a nursery with nursing cows
- D. None are correct.

Answer:

5. Why do dairy farmers commonly use AI to breed their cows? (10.2.2)

- A. AI allows the farmer to use superior genetics.
- B. Bulls are expensive to feed.
- C. Bulls can become aggressive.
- D. All are correct.

Answer:

6. What is one reason that cows are culled from the dairy herd? (10.2.2)

- A. Blind quarters
- B. Lameness
- C. Udderitis
- D. All are correct.

Answer:

7. Why are cows' teats disinfected after milking? (10.2.2)

- A. To prevent the spread of mastitis.
- B. To reduce chafing.
- C. To cool them down.
- D. None are correct.

Answer:

8. Once the milk leaves the cow, it must be cooled to a temperature below _____ within a two-hour period. (10.2.2)

- A. 45°F (7.2°C)
- B. 55°F (13°C)
- C. 65°F (18°C)
- D. 85°F (29°C)

Answer:

9. Why do dairy cows look skinnier than beef cattle? (10.2.3)

- A. Most of their feed energy goes toward milk production.

- B. They are fed less food than beef cattle.
- C. They are a different species of cattle from beef.
- D. All are correct.

Answer:

10. How does a dairy farmer maintain herd health? (10.2.4)

- A. By keeping accurate records.
- B. By working closely with a veterinarian.
- C. By purchasing semen and replacement females from reputable breeders.
- D. All are correct.

Answer:

11. How much water do dairy cows consume daily? (10.2.4)

- A. Over 400 gallons
- B. Over 100 gallons
- C. 30 to 50 gallons
- D. 25 to 30 gallons

Answer:

12. What is silage made from? (10.2.4)

- A. Clover
- B. Alfalfa
- C. Grass
- D. Corn

Answer:

13. What is one practice of proper handling of dairy cows? (10.2.5)

- A. Provide sufficient access to clean food at all times.
- B. Remain calm and handle dairy cattle with ease.
- C. Provide cattle with opportunities to graze in rain and snow.
- D. All are correct.

Answer:

14. Which is the most common breed of dairy cows? (10.2.6)

- A. Holstein
- B. Jersey
- C. Ayrshire
- D. Guernsey

Answer:

15. Which is the smallest breed of dairy cows? (10.2.6)

- A. Holstein
- B. Jersey
- C. Ayrshire
- D. Guernsey

Answer:

16. Describe the size and scope of the US dairy industry. (10.2.1)

Answer:

17. Compare and contrast the production cycles of dairy and beef cattle. (10.2.2)

Answer:

18. What are key components of dairy herd health maintenance? (10.2.4)

Answer:

19. Compare and contrast the nutritional needs of dairy and beef cattle. (10.2.4)

Answer:

20. Explain how herd behavior influences the safe handling of dairy cattle. (10.2.5)

Answer:

