

Name:

Class:

Date:

## Lesson 4.3: Farm and Work Safety

### Lesson Review

Carefully study the lesson and then answer the following questions.

1. *True or False?* Someone under age 15 may be injured in an agricultural accident because they do not understand or follow safety rules. (4.3.1)

Answer:

2. *True or False?* Someone over age 65 may be injured in an accident because they may lack physical strength. (4.3.1)

Answer:

3. What can you do to avoid serious injury or death when working in agriculture? (4.3.1)

Answer:

4. If you are planning on working with hazardous materials, you should first read \_\_\_\_\_. (4.3.4)

- A. local news stories about chemicals
- B. the safety data sheets (SDS)
- C. Internet weather reports
- D. the poison control instructions for the chemical

Answer:

5. How old does the Department of Labor require someone to be to transport, transfer, or apply anhydrous ammonia? (4.3.4)

- A. 12
- B. 14
- C. 16
- D. 18

Answer:

6. List three common contributing factors to accidents involving agricultural machinery. (4.3.5)

Answer:

7. *True or False?* You should hurry through projects requiring machinery; the more time you take, the more time there is for accidents to occur. (4.3.5)

Answer:

8. *True or False?* Checking the equipment should be left to the person who handles maintenance. (4.3.5)

Answer:

9. *True or False?* Machinery can typically be safely used beyond the stated capacity. (4.3.5)

Answer:

10. *True or False?* Guards should always remain in place while the machinery is operating. (4.3.5)

Answer:

11. List three common causes for tractor rollovers. (4.3.5)

Answer:

12. What system can prevent injury if a tractor rolls over? (4.3.5)

Answer:

13. What is the purpose of the power take-off (PTO) shaft on agricultural machinery? (4.3.5)

Answer:

14. What are three common causes of electrical accidents in agriculture? (4.3.5)

Answer:

15. *True or False?* Livestock is as susceptible to electrical shocks as humans. (4.3.5)

Answer:

16. *True or False?* Tree limbs, wooden posts, and other wooden structures never conduct electricity. (4.3.5)

Answer:

17. *True or False?* Many universities offer programs to help people learn how to keep homes and agricultural businesses safe from electrical hazards. (4.3.5)

Answer:

18. *True or False?* Weather conditions can amplify hazards in agricultural settings. (4.3.5)

Answer:

*Match the exposure-related medical condition to the definition.*

A. Heatstroke

B. Heat exhaustion

C. Heat cramps

D. Frostbite

E. Hypothermia

19. Condition where your body loses heat faster than it can produce it, causing a dangerously low body temperature (4.3.5)

Answer:

20. Muscular spasms that occur when a person is sweating and not replacing lost fluids (4.3.5)

Answer:

21. Condition that occurs when your body is unable to release enough heat, and body temperature rises to life-threatening levels (4.3.5)

Answer:

22. Body tissue injury caused by extreme cold (4.3.5)

Answer:

23. A condition that occurs when you do not drink enough fluids to replace what is being lost through sweating (4.3.5)

Answer:

24. List three common causes for accidents involving livestock. (4.3.6)

Answer:

25. How old should someone be before they operate an ATV with an engine of 90cc or larger? (4.3.7)

- A. 12
- B. 14
- C. 16
- D. 18

Answer:

26. The biggest danger from manure pits comes from the presence of \_\_\_\_\_. (4.3.8)

- A. large amounts of bacteria
- B. fast-moving fluids
- C. undigested food particles
- D. toxic gases

Answer:

27. Silo gas can contain which toxic gases? (4.3.9)

- A. Carbon dioxide only
- B. Nitrogen dioxide only

- C. Both carbon dioxide and nitrogen dioxide
- D. Neither carbon dioxide nor nitrogen dioxide

Answer:

28. If someone is trapped in waist-deep grain, it will take about \_\_\_\_\_ pounds of force to free them. (4.3.9)

- A. 200
- B. 400
- C. 600
- D. 800

Answer:

29. How should grain be dislodged if it is stuck in a bin or silo? (4.3.9)

- A. Using a long pole
- B. By scooping or shoveling it out from below
- C. By walking on the top of the grain
- D. Wait and over time, gravity will dislodge it

Answer:

30. Which type of weather is best for applying pesticides? (4.3.10)

- A. A hot, windy day
- B. A cool, windy day
- C. A hot day with no wind
- D. A cool day with no wind

Answer:

31. List three places where a first-aid kit should be located. (4.3.0)

Answer:

**Critical Thinking**

1. Design a program that you think could educate the public on one of the specific types of safety situations discussed in this chapter. Who would be your audience? What safety tips would you share? What program slogan would you use? (4.3.0)

Answer: