

Chapter 9: Hazardous materials

Learning objectives:

- 1) To identify the hazardous materials used in agriculture

Evaluation questions:

1. Which one is correct for dermal rates of absorption of chemicals;
 - A. Shows the speed of absorption
 - B. Rates are different from different parts of the body
 - C. Forehead has faster rate of absorption than forearm
 - D. All of the above
 - E. Both A and B
2. List some precautions to avoid chemical exposure.
 - A.
 - B.
 - C.
3. Which one cannot be true for health problems associated with chemicals used in agriculture?
 - A. They can have delayed effects
 - B. They can have acute effects
 - C. Cancer is an acute effect of chemicals
 - D. They can cause chronic effects such as changes in chromosomes
 - E. Even single exposure can cause health problems
4. Which one contains regulations to protect agricultural workers from pesticide exposure
 - A. Worker Protection Standard
 - B. Hazardous Materials Standard
 - C. Environmental Protection Agency
 - D. OSHA
 - E. All of the above
5. Which one is the best correction strategy for hazardous chemicals used in agriculture?
 - A. Dilute the hazard
 - B. Isolate the hazard
 - C. Remove person from the hazard
 - D. Substitute a less hazardous equivalent
 - E. Eliminate the source

Answers:

1. D
2. (safety systems, PPE, washing hands frequently, discarding contaminated clothes, etc.)
3. C
4. A
5. E