

## 2018 Manuel E Chapter 2 Pesticides in Environment Quiz

- 1. Which is NOT a potential negative impact on the environment and non-target species?**
  - A. Contamination of ground water and surface water
  - B. Reduction of bee, other pollinator, and bird populations
  - C. Damage to aquatic organisms
  - D. None of the above
- 2. ----- is the downward movement of particles and nutrients through the soil, ----- is the movement of water and associated materials over the top of the soil or impervious surfaces, and ----- is the cause of pesticide pollutants and sediments that can be carried offsite to streams, rivers, lakes or wetlands**
  - A. Rundown, runoff, leaching
  - B. Runoff, leaching, misapplication
  - C. Misapplication, runoff, leaching
  - D. Leaching, runoff, misapplication
- 3. What are two important factors to account for when applying pesticides?**
  - A. Temperature inversions and pesticide particle drift
  - B. Peak daytime temperature and lowest nighttime temp
  - C. Daily air quality index and peak daytime temp
  - D. Amount of UV light reaching the Earth's surface and pesticide particle drift
- 4. What are two ways decomposition of pesticides occurs?**
  - A. Cold decomposition and photodecomposition
  - B. Photodecomposition and microbial decomposition
  - C. Microbial decomposition and esterified decomposition
  - D. Esterified decomposition and cold decomposition
- 5. Which is NOT a part of a pesticide formulation?**
  - A. Active ingredients
  - B. Inert ingredients
  - C. Another pesticide
  - D. Additives
- 6. A pesticide is considered \_\_\_ after it has been absorbed by plant tissues so that it will still be effective after rainfall or irrigation**
  - A. Environmentally friendly
  - B. Water resistant
  - C. Weather protected
  - D. Rainfast
- 7. \_\_\_ is the injection of fertilizers and or pesticides through an irrigation system**
  - A. Chemigation
  - B. Eradication
  - C. Pestigation
  - D. Water treatment
- 8. What is an adjuvant?**

- A. A special class of pesticide requiring additional licensing
- B. An additive to a pesticide that enhances effectiveness
- C. A harmful byproduct of certain pesticides
- D. A site where leaching is likely to occur following application

9. **What kind of soils are most prone to leaching?**

- A. Silty soils
- B. Sandy soils
- C. Clayey soils
- D. Dry soils

10. **\_\_\_ is the phenomenon that occurs when the majority of worker bees in a colony disappear and leave behind a queen, plenty of food and a few nurse bees to care for the remaining immature bees and the queen**

- A. Colony Abandonment Disorder
- B. Continual Colonization Disorder
- C. Colony Collapse Disorder
- D. This is not a disorder

**KEY 2018 Manuel E Chapter 2 Pesticides in Environment Quiz**

- 1. D
- 2. D
- 3. A
- 4. B
- 5. C
- 6. D
- 7. A
- 8. B
- 9. B
- 10. C