

EXAM

(4.0 Hours - Other)

Title: Pesticides and Adjuvants,

Course # A-0413-10

Name: _____, License # _____, License Type: _____

Address: _____, City _____, State _____, ZIP _____

E-mail: _____, Phone # _____

Instructions: Please **print** this exam; answer each question, and mail it, along with a **\$25.00** processing fee to:

PCACCA

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1. A pesticide is any substance or mixture intended for pest poisoning.
 - a. True
 - b. False
2. When making a pesticide use decision, suppression indicators include?
 - a. Inoculum sources
 - b. Favorable conditions for development
 - c. Historical disease infection
 - d. All of the above
3. Contacting a farm advisor or Ag commissioner is a good idea when trying to select the right pesticide.
 - a. True
 - b. False
4. Cost of product does equal the product's efficacy?
 - a. True
 - b. False
5. Weather conditions can affect pesticide efficacy?
 - a. True
 - b. False
6. When selecting the proper pesticide what factors should one consider?
 - a. Ease of use and compatibility
 - b. Effects on beneficials
 - c. Harvest limitations
 - d. All of the above
7. Proper equipment operation, preventing gaps and overlaps and types of formulations used are all what?
 - a. Common sense
 - b. Important application techniques
 - c. Easy to do
 - d. A waste of time to worry about
8. Keeping a pesticide on-target is determined by what factors?
 - a. Skill of operator
 - b. Droplet size of spray
 - c. Weather conditions
 - d. All of the above
9. LD₅₀ means what?
 - a. Lethal Concentration
 - b. Lethal damage
 - c. Lethal dose
 - d. Lethal drugs
10. The dose that kills 50% of a test population is represented as?
 - a. LC₅₀
 - b. LR₅₀
 - c. LD₅₀
 - d. 50 LD
11. Toxicity classification with a "Danger" is what category?
 - a. 1
 - b. 2
 - c. 3
 - d. 4

12. Toxicity classification with a “Warning” is what category?
- 1
 - 2
 - 3
 - 4
13. Toxicity Classification with a “Caution” is what category?
- 1
 - 2
 - 3
 - 4
14. An acaricide is supposed to control what?
- Algae
 - Animals
 - Cars
 - Mites
15. A Molluscicide is supposed to control what?
- Plants
 - Mollusks
 - Snails
 - Both B and C
16. A silvicide is supposed to control what?
- Silver
 - Trees
 - White flies
 - Fish
17. An anticoagulant is used to control rodents causing death by preventing normal blood clotting.
- True
 - False
18. Microbials are chemicals that consist of bacteria, fungi, or viruses used to control weeds, and invertebrates.
- True
 - False
19. There are factors that influence the reactions to pesticides what are they?
- Mode of action
 - Life stage of pest
 - Pesticide uptake
 - All of the above
20. Water-Soluble Solutions (S) are liquid formulations that dissolve in water to form a true solution.
- True
 - False
21. Water-Soluble packets reduce the risks of mixing and handling.
- True
 - False
22. When adding formulations together they should be combined in the following order, 1-Wettable powders, 2-Flowables, 3-Water-soluble concentrates and finally emulsifiable concentrates.
- True
 - False
23. An adjuvant is a material added to a pesticide mixture to improve or alter the deposition, toxic effect, mixing ability, persistence, or other beneficial qualities of the active ingredient.
- True
 - False
24. A surfactant is used to improve the ability of a pesticide to stick to and be absorbed by the target surface.
- True
 - False
25. A buffer lowers the pH of a spray solution or it can help maintain the pH within a narrow range.
- True
 - False
26. Dyes you add to a spray mix to be able to see areas already sprayed are known as?
- Food coloring
 - Spray colorants
 - Chemical dyes
 - None of the above
27. Deposition aids improve the ability of a pesticide spray to reach its target.
- True
 - False