



Certified IPM Technician Content Outline

1. Inspection & Monitoring for Pests (25% of exam content)

- a. Inspect for pests
 - i. Tools available for inspection and appropriate uses (e.g., flashlight, moisture meter, flushing agents, probe, screwdriver to remove face plates or inspection access, mechanics mirror to see under/around)
 - ii. Probable locations of pests (a.k.a. “pest vulnerable areas” dictated by biology/behavior)
 - iii. Recognize evidence, damage, of pests
 - iv. Conditions conducive to pests (e.g., site, weather, ambient conditions)
 - v. Possible pest entry points
- b. Select appropriate monitoring tools
 - i. Monitoring tools available and their uses/limitations and related safety precautions (e.g., sticky traps, light traps, pheromone traps, rodent stations and non-toxic bait blocks)
 - ii. Pests that are most commonly monitored (cockroaches, flies, stored product pests, termites, bed bugs, rodents)
- c. Place monitoring tools properly
 - i. Proper use and placement of tools
 - ii. Appropriate combined use of tools
- d. Monitoring should be an on-going activity

2. Identify pests (25% of exam content)

- i. Basic ID characteristics of list below
- ii. Damage caused by those listed below
- iii. Use a smartphone magnifier if taking pictures of small pests
 1. Know what to photo based on basic ID characteristics
- iv. Contact your company office or local Extension office for help

3. Selection and Implementation of Control Methods (20% of exam content)

- a. Choose the appropriate control method(s) for pest management
 - i. Physical and mechanical control options available, appropriateness of each, and advantages/limitations of each (e.g., exclusion which is a key component in pest prevention and reducing call-backs, HEPA vacuums, eliminating

harborage/source reduction, traps/glueboards, pest proof design, removal, air curtains, lights)

- ii. Chemical control options available, appropriateness of each, and advantages/limitations of each (e.g., IGRs, Pheromones/Attractants, Pesticides)
 - iii. What a Mode of Action is
 - iv. Pesticide resistance
 - v. Pesticide formulations (including storage, safety, and handling)
 - vi. Pesticide application techniques
 - vii. Following label instructions, including disposal
 - viii. Relative effectiveness/efficacy versus risk of various control methods and options within each method
 - ix. How to locate local/state regulations that may differ from product labels
- b. Select the appropriate tool(s) for use with the pest management method(s) for pest scenarios
 - i. Tools available, appropriateness of each, and advantages/limitations of each and related safety precautions (e.g., compressed air sprayer, infrared camera, gas detector, duster)
 - ii. Regulations/Hazards (if any) pertaining to each tool
 - c. Regulation Overview
 - i. General info on how technicians are held to laws.
 - d. Decoding a pesticide label
 - i. Including SDS and GHS
 - e. Educate & communicate with the customer on their role in pest management
 - i. Critical messages to convey
 - ii. Appropriate methods for message conveyance
 - iii. Customer behavioral modifications

4. Evaluation (20% of exam content)

- a. Look for reduction in pests
 - i. Monitoring
 - ii. Identification (importance of it, not specific to pests)
- b. Analyze pre- and post-treatment effects
 - i. Acceptable thresholds
 - ii. Pesticide resistance
 - iii. How to analyze the presence of pests over space and time
 - iv. Managing customer expectations
 - v. Interpreting results
- c. Determine next steps
 - i. IPM process
 - ii. Methods/options available
 - iii. Use of results to affirm/modify pest management methods/options
- d.

5. Documentation (10% of exam content)

- a. Location of monitors

- b. What you are applying
- c. How much you are applying
- d. When you are applying
- e. Where you are applying

Pests on the Exam

1. Spiders
2. Cockroaches
3. Beetles
4. Springtails
5. Earwigs
6. Flies
7. True Bugs
8. Hymenoptera
9. Termites
10. Moths
11. Fleas
12. Zygentoma
13. Mosquitoes
14. Ticks
15. Occasional Invaders/Termites
16. Rodents