

## **7-D Wood Destroying Pest Category**

### **Exam Study Guide**

This study guide is intended to serve as an outline of the knowledge base covered by the Wood Destroying Pest (7D) Category Exam. All of the information listed in this guide can be found in the *Mallis ó Handbook of Pest Control* and the *Trumanø Scientific Guide to Pest Management Operations*.

#### **Pest Identification**

The applicator must be able to identify the various types of WDO.

- Identify damage created by subterranean termites.
- Distinguish between subterranean termites, dry-wood termites, and wood-boring beetles.
- Describe the biology of termites and/or other wood-destroying organisms.
- Identify frass and/or droppings or other pest evidence (including discarded wings and antennae)
- Identify favorable conditions for WDO infestation or re-infestation.
- Identify which Wood Destroying Insects (WDI) are not re-infesting and therefore may not need to be treated.
- Identify various Wood Destroying Insects and Organisms
- Define the behavior of wood insects and organisms
- List pest life/living requirements

#### **Application**

The applicator must be demonstrate how to measure a property to be treated and calculate product needed to accomplish the treatment based upon the manufacturer's label instructions.

- Define the different termiticide application techniques (e.g. trenching, rodding, foaming, etc.).
- List the 7D application records that meet the standards of the NMDA.
- Compare how to apply a WDO labeled pesticide in a variety of ways to a variety of structural situations.
- List the steps necessary to calibrate all equipment necessary to perform WDO treatments.
- Identify all equipment necessary to perform WDO treatments.
- Select the methods required to maintain all equipment necessary to perform WDO treatments.
- Select the proper tools for each type of WDO treatment

## **Structure Identification, Graphing, and Inspection**

The applicator must be able to identify various structures and their components.

- Identify the different types of structure construction. (Example: determination of monolithic slab v. floating or any combination thereof.)
- Define building terminology and be able to explain it to the layperson.

The applicator must be able to accurately graph a structure

- Compare and contrast a clear and accurate floorplan of a structure being treated including interior walls where applications were made.

The applicator must be able to correctly inspect a structure for wood destroying pests.

- Describe how to inspect a property thoroughly before any task is begun. (Example: Inspecting for wells on the property, locating water/electrical lines and identifying home system types)
- Describe how to measure structures accurately
- Identify pest harborage and entry points

## **Safety and Labels**

The technician must understand, read, and comprehend all sections of the label prior to any use.

- Identify signal words
- List mixing instructions
- Identify the various environmental hazards
- Select the appropriate personal protective equipment related to a termiticide product label.
- Describe how to properly use personal protective equipment related to a termiticide label.
- Identify personal protective equipment (including respirators, long sleeve clothing, water resistant gloves, goggles, hard hat, boots...etc.)
- Identify safe practices to insure homeowners are adequately protected and informed.
- Interpret a termiticide label.
- Compare a WDO application to the product label used.

## **Pest Conducive Conditions and Avoidance**

The applicator/inspector must be knowledgeable of IPM principles as it applies to reducing the potential of future damage occurring to the structure.

- Identify IPM methods specific to various WDO.
- Identify alternative options to chemical treatments.