Fumigation Exam Development Subcommittee

Test Plan Development

I. Safety
   a. Personal Safety
      i. Assess the risk
      ii. Understand and Apply Safety Precautions
      iii. Understand use of PPE
      iv. Recognized the signs and symptoms
      v. Understand routes of entry
   b. Public and Environmental Safety
      i. Understand proper pesticide storage
      ii. Understand methods of preventing
      iii. Understand emergency
      iv. Understand appropriate and timely use

II. Laws and Rules
   a. Recognize Regulating Authorities
      i. Environmental Protection Agency (Label Driven)
      ii. Arizona Department of Transportation (Label Driven)
      iii. Occupational Safety Health Administration
      iv. Office of Pest Management
   b. Arizona Revised Statutes and Arizona Administrative Code
      i. Certification Requirements
      ii. Duties of a Certified Applicator
      iii. Duties of a Qualified Applicator
      iv. Renewal Requirements
      v. Disciplinary Actions
      vi. Record Keeping, reporting, and posting requirements
      vii. Vehicle Identification
   c. Labels
      i. Vikane
      ii. Fumitoxin
      iii. ProFume
III. Inspection, Detection, and Identification
   a. Know identification, biology, and behavior of General Pests
      i. Differentiate among and within GHP and WDO
      ii. Differentiate commonly fumigated GHP and WDOs
      iii. Differentiate damage and other evidence associated with different types of GHP and WDOs
      iv. Identify habitats of different GHP and WDOs
          1. Identify WDO food source preferences
          2. Identify moisture requirements
      v. Understand life cycles and biology of different GHP and WDOs

IV. Prevention and Control Measures
   a. Understand Pesticide label requirements, including, but not limited to:
      i. Active Ingredients and different formulations
      ii. Application Rates
      iii. Frequency of re-application
      iv. Factors affecting or limiting effectiveness
      v. Understand equipment calibration
   b. Understanding Principles and Use of Application Equipment
   c. IPM
      i. Recognize nonchemical treatments and types (heat, electro-gun, etc.)
      ii. Recognize environmental sensitive and high-risk areas
      iii. Recognize alternate application equipment and use
   d. Labels
      iv. Vikane
      v. Fumitoxin
      vi. ProFume

Resources – Truman’s Scientific Guide to Pest Management Operations – 7th Edition; Vikane Label (EPA Reg. No. 1015-78); Fumitoxin Label (EPA Reg. No. 72959-1-5857; 72959-2-5857); ProFume Label (EPA Reg. No. 1015-79); Arizona Revised Statute Title 3 Chapter 20; Arizona Administrative Code Title 3 Chapter 8; National Pesticide Applicator Certification Core Manual