Fumigation
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. Pest Management Division

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

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
      1. Differentiate damage and other evidence associated with different types of GHP and WDOs
      2. Identify habitats of different GHP and WDOs Identify WDO food source preferences
      3. Identify moisture requirements
   iii. 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
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V. Pesticide Label & Labeling
   a) Vikane
   b) Fumitoxin
   c) ProFume

Resources:

- Arizona Revised Statute Title 3 Chapter 20 & Arizona Administrative Code Title 3 Chapter 8 – Pest Management Division
- National Pesticide Applicator Certification Core Manual
- 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)