

PUBLIC HEALTH (PEST CONTROL)

Objective:

This session provides information regarding pests, pest control, and personal and environmental protection in managing and controlling pests. (4 hours)

- I Types of Pests
 - A. Weeds
 - B. Diseases and Parasites
 - C. Arthropods: Insects and their relatives
 - D. Mollusks
 - E. Vertebrates

- II Pest Control Goals
 - A. Prevention
 - B. Suppression
 - C. Eradication

- III Threshold Levels and Pest Monitoring

- IV Integrated Pest Management
 - A. Natural Controls
 - B. Applied Controls

- V Pest Control Failures

- VI Pesticide Labeling (general)

- VII Pesticides in the Environment (general)

- VIII Harmful Effects (general)

- IX Personal Protective Equipment (general)

- Source: Applying Pesticides Correctly: A Guide for Private Applicators, Commercial Applicators and Registered Technicians in Virginia, Virginia Core Manual. Virginia Cooperative Extension, Publication 456-210

- X Specialized information on mosquito control

XI Review

- A. Questions and Answers
- B. Written Test

Public Health Course Outline

1. Mosquito Control
 - a. WNV.virginia2002
 - b. WNV.2002david
 - c. WNV.mosq-surv
 - d. Slides
2. Pest Control
 - a. Rodents
 - b. Ticks (Lyme)
 - c. Roaches etc.
3. Water Quality
 - a. Testing
 - b. What causes closing?
 - c. What would cause concern?
4. Personal Hygiene
 - a. What's in the water?
 - b. How do I protect myself and others?
 - 1) Hand washing
 - 2) Equipment washing
 - a) Personal
 - b) Other
5. Drug & Alcohol Abuse
 - a. Affects on operators of heavy equipment and vehicles
 - b. Dangers to self and others
 - c. Programs available
6. MSDS for all chemicals used

Test



TOPICS FOR PUBLIC HEALTH

1. Mosquito Control
2. Pest Control - rodents, insects, etc.
3. Water Quality - not just for drinking but also for swimming, boating, water sports, etc. When should a beach, river, stream or pond be restricted because of the various types of contamination? How do you test? What are you looking for?
4. Personal Hygiene requirements - general guidance plus advice that is specific to certain types of work.
5. Drug & Alcohol Abuse - affect these substances can have on operators of heavy equipment and vehicles. Dangers created for themselves and others. Treatment programs available for people who need help.
6. Cautions required to be taken when working around various hazardous chemicals such as those used with: water treatment, swimming pool operation, painting, degreasing, industrial cleaning, etc.