Quarantines & Eradication Programs

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Objectives

- Discuss identification and quarantine procedures for carriers of animal diseases
- Discuss identification and disposal procedures for carriers of animal diseases
- Describe roles of agencies in the county, state and federal government for implementing regulatory eradication programs against animal diseases
Quarantine

- Isolation of animals infected with contagious diseases
- Isolation of animals exposed to contagious diseases

Purpose
- Prevent spread of disease to susceptible animals
Eradication

Termination of all transmission of infections by extermination of the infectious agent through surveillance and containment (domestic animals)

Other sources may continue (wildlife animals, arthropods, environment)
Identification of disease

- Producers recognize
- Veterinarians diagnose
  - Clinical symptoms
  - History
  - Laboratory tests
- By law, veterinarian and diagnostic laboratory report diagnosis of reportable diseases
  - Federal and state animal health agencies
  - State human health agency (zoonotic disease)
Animal quarantine
- Carrier animal is quarantined
- Exposed animals are quarantined

Identify types of disease
- Limiting disease
  - Quarantined for contagious portion of disease
- Lifetime disease
  - Quarantined and properly disposed
Quarantine period

- All exposed and infected animals
- Tested and retested
  - Positive animal properly disposed
- Released when all animals are negative
Disposal Procedures

- Euthanasia
  - Burn
  - Bury
- Slaughter
  - Human food
  - Pet food
- Research facility
- Diagnostic laboratory
Regulatory Eradication Programs

- Federal and state agencies
  - USDA
  - SAHA
  - DSHS

- Purpose
  - Prevent
  - Control
  - Eradicate
  - Assure health (animals, people, environment)