Veterinary Science
Preparatory Training for the Veterinary Assistant
Floron C. Faries, Jr., DVM, MS
Vesicular Stomatitis Control Program

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Objectives

- Explain the measures taken to prevent introduction of vesicular stomatitis in livestock operations
- Explain the measures taken to control vesicular stomatitis in an infected livestock farm
Vesicular Stomatitis

- Zoonotic viral disease of livestock
- A reportable disease
Transmission

- Mechanical – saliva, blister fluid
  - Flies, gnats
  - Vehicles
  - Direct contact
  - Fomites
- Biological – saliva, blister fluid
  - Biting gnats
Clinical Symptoms

- Incubation period – 3 to 5 days
- Fever
- Vesicles (blisters)
  - Mouth
  - Feet
  - Teats
- Duration – 2 weeks
- Resembles foot and mouth disease
Prevention

- Control flies and gnats
- Disinfect borrowed equipment and tools from livestock farms
- Disinfect truck and trailer tires from livestock farms
- Disinfect boots of people from livestock farms
Control

- Early detection and rapid reporting
- Quick quarantine
  - For time of active lesions
  - Extended 30 days after last lesions healed