Veterinary Science
Preparatory Training for the Veterinary Assistant
Floron C. Faries, Jr., DVM, MS
West Nile Encephalitis Control Program

Floron C. Faries, Jr., DVM, MS
Objectives

- Explain the measures taken to prevent introduction of West Nile encephalitis in horse operations
- Explain the measures taken to control West Nile encephalitis in an infected horse farm
West Nile Encephalitis (WNE)

- Zoonotic viral disease of birds and horses
- Brain disease
- Horses are dead-end hosts
- A reportable disease to state human health regulatory agency
Transmission – Horses

- Reservoirs – crows, blue jays, hawks
- Biological vector - mosquitoes
Clinical Symptoms – Horses

- Incubation period – 3 to 14 days
- Stumbling, staggering, wobbling
- Rear paralysis
- Death
- Resembles rabies
Prevention – Horses

- Remove stagnant water in containers
- Vaccinate
- Use mosquitoes repellents
Control – Horses

- Early detection and rapid reporting
- No quarantine requirements
- Community mosquito control
- Infected mosquito area surveillance