

## WV - Eric Dotseth

- A. Mosquito-borne diseases
  - 1. Surveillance runs from May 13 through Sept 24
  - 2. Weekly surveillance in high LAC areas
  - 3. WNV
    - a) 25 positive pools
      - (1) First positive Aug 1st
      - (2) Increased through Sept
    - b) No human cases
  - 4. LAC
    - a) 4 positive pools
      - (1) First positive on June 13th
      - (2) First human case in August
    - b) 2 human cases
    - c) High rate of LAC in neighboring state
      - (1) Ohio
      - (2) Tennessee
  - 5. CHIK - 2 travel related cases
- B. Tick-borne diseases
  - 1. Disease surveillance
    - a) Tularemia
    - b) Anaplasmosis
    - c) Ehrlichiosis
    - d) Lyme - Lyme Endemic counties
    - e) RMSF
  - 2. Tick surveillance
    - a) *Ixodes scapularis*
    - b) *Amblyomma americanum*
    - c) *Dermacentor variabilis*
    - d) *Amblyomma maculatum*
    - e) *Dermacentor albipictus*
    - f) *Ixodes cookei*
    - g) Others
  - 3. Seeing a spread in location of both disease and vector ticks
  - 4. Work with physicians, veterinarians, and DNR to get tick surveillance data
- C. Conclusions
  - 1. Cleanup programs are working to reduce LAC
  - 2. TBDs are spreading
  - 3. New ticks are involved with spotted fever