Bovine TB: Indiana’s Progress Report

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Recent TB Traces to SE IN

2008: Single beef cow trace
  • No other positives

2009: Cervid herd, infected
  • Herd depopulated

2010: Two beef traces from PA
  • Genetically linked to 2011 herd

2011: Beef herd, infected
  • Investigation complete
2016: Index Herd (#1)

Positives at slaughter

- One herd on two sites
- Whole-herd testing identified more
- Herd depopulation complete
- Launched 3-mi circle testing
Proximity:
Bovine TB Events w/ 10-mi Buffers
2008-2016
Hunter-harvested White-tailed Deer
Tested 2009-2015
Q=486
2016: Wild Deer Diagnosis

Positive 2-year-old white-tailed doe
- Culled from index farm
- First wild case in Indiana
- Test area from 3 miles to 10 miles

Positive raccoon collected
Expanded Testing Area:

- 10-mi circle
- Whitewater River Corridor
- 2-mi buffer
Producer Outreach

- Public Meetings
- Door-to-Door Visits
- Telephone Calls
- Animal Health Advisories
  - Email & USPS Mail
Surveillance Logistics

- Staging Area at Franklin Co Fairgrounds
- Private Practitioner Testing
- Department of Correction Offenders
- Federal Testing Teams
2016: Positive Herd #2

December: Surveillance testing
  • Beef cattle herd tested positive
  • Within 10-mi testing zone
    • All nearby herds (within 3 mi) already tested negative
  • Trace investigations underway
Core Surveillance Area
Zones for Hunter-harvested White-tailed Deer
Hunter-harvested White-tailed Deer 2016

>2,000 Sampled
Cattle Testing Status

Circle & Corridor Surveillance

- 380 test-eligible herds
  - 376 tested + 2 scheduled = 378 (99%)
  - Total of 6,490 head
- 2 left to test

Trace Investigations

- Ongoing for second herd
Cattle: What’s Next?

- Test remaining cattle herds
- Continue traces for 2\textsuperscript{nd} herd
- Develop plan for future area testing
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