Southeastern Indiana TB Investigation

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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
Cervid Lesion
Cervid Lesion
2016: Beef Index Herd

Positives at slaughter
  • One herd on two sites
  • Whole-herd testing identified more
  • Herd depopulation complete
2016: Beef Index Herd

Trace-Outs

• Most sales to slaughter
  • No positives previously reported
• Testing completed on other sales, contacts
2016: Beef Index Herd

Trace-Ins
- Most animals natural additions
- Some from Stockyards (OH)
  - No records
- Testing complete on sources
  - Accredited TB-Free herd
Proximity: Bovine TB Events w/ 10-mi Buffers

2008-2016
Hunter-harvested White-tailed Deer

Tested 2009-2015

Q=486
2016: Wildlife Diagnosis

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

Positive raccoon on the same site
Expanded Testing Area:

10-mi circle + Whitewater River Corridor 2-mi buffer
Management and Surveillance

Establish a TB Management Zone
Establish a TB Surveillance Zone
More Info…

www.in.gov/boah