Wisconsin Responds to Avian Influenza (H5N2)...Again

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Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP)—Division of Animal Health
Avian Influenza Incidents in WI

<table>
<thead>
<tr>
<th>Year</th>
<th>Strain</th>
<th>Number</th>
<th>Species</th>
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</thead>
<tbody>
<tr>
<td>2013</td>
<td>H5 (LPAI)</td>
<td>125,000</td>
<td>Game birds</td>
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<tr>
<td>2015</td>
<td>H5N2 (HPAI)</td>
<td>1,765,000</td>
<td>Turkeys, chickens</td>
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<td>2017</td>
<td>H5N2 (LPAI)</td>
<td>77,720</td>
<td>Turkeys</td>
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</tbody>
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Actions we took after past incidents:

- Enhanced our AI response plan
  - Learned from our mistakes
  - Established better framework for response actions

- Trained staff in Incident Command System
  - Mandatory training for involved staff
2017 Situation

- March 4, 2017
- DATCP received notification that a barn of turkeys in Barron County, WI were quiet, but had no increased mortality
- Barns contained 77,720 tom turkeys split between 6 barns
  - 16.5 week old birds—37,737
  - 6.5 week old birds—39,983
- Two barns of older birds found positive for LPAI
Immediate Response Actions

- Elevated biosecurity by producer
  - Never spread to the other four barns
- USDA, Industry and State call to determine next steps based on test results being low path
  - Decision made to control market once flock tested negative
What is negative?

- Matrix positive
- H5 negative
- Virus isolation negative on previous swab
- Flock was determined negative
- All birds were slaughtered by April 14, 2017
Longer Term Response Actions

• No control zone established
• Surveillance on commercial flock out to 10km
• Surveillance on backyard flocks to 2km
• Owner opted to complete enhanced cleaning & disinfection
  • No reimbursement for costs
Challenges & Changes

• No template for LPAI flock plan
• What data is needed by USDA for trade negotiations?
  • Test results appropriately labeled to barn on premises
• EMRS to Go with lab messaging would have saved a lot of staff time on data entry and data reconciliation
• Route to slaughter plant, slaughter schedule, C&D of slaughter facility after slaughter, etc.
• LPAI response plan last updated 2012 has since been revised
Questions?