Veterinary Services

2014 Live Bird Marketing System Working Group Report

U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services

USAHA
Kansas City, Missouri October 16-22, 2014
Outline

• Participation
• Uniform Standards/Indemnity Report
• Diagnostic & Surveillance Report
• Education & Outreach Report
• 2015 LBMS CE Training Course
LBMS-WG Meeting - Philadelphia, PA. February 19-20, 2014

• 71 participants
  – 18 USDA, APHIS, VS, 8 LBMS/poultry industry stakeholders, 1 CDC representative, 2 university representatives, 4 animal health diagnostic lab representatives and 38 State Department of Agriculture participants (representing 31 States)

• Welcome/Opening Remarks
  – PA State Veterinarian – Dr. Craig E. Shultz
  – PennAg Industries – Ms. Mellissa Sankey & Mr. Jeff Risser
  – USDA-APHIS-VS- ADD-NY/NJ/PA – Dr. Michael Kornreich
Uniform Standards

• VS Guidance (8602.1) – Response, Communications, and Investigation of AI in Domestic Poultry
  - This document is available to all stakeholders and applies only to domestic poultry, as defined by OIE
  - The OIE is no longer using the term “notifiable”
  - But what is notifiable (reportable) still remains the same (H5 and H7)
  - AI is defined as an *infection of poultry* caused by an influenza A virus with high pathogenicity (HPAI), and by H5 and H7 subtypes with low pathogenicity
Uniform Standards

- VS Guidance (8602.1) – Response, Communications, and Investigation of AI in Domestic Poultry
  
  - The terms “notifiable avian influenza”, “high pathogenicity notifiable avian influenza” and “low pathogenicity notifiable avian influenza” have been removed from the Terrestrial Code and the Terrestrial Manual
  
  - For the purposes of the Terrestrial Code, HPAI and H5/H7 LPAI in poultry are termed “avian influenza” and are notifiable. Non-H5/H7 influenza A (i.e. H1–4, H6 and H8–16) are not “avian influenza” and are not notifiable
Diagnostic & Surveillance

- **State Program Review, Update & Accomplishment Reports - New York – Dr. Joy Bennett**
  - **NY Definition of LBM:**
    - Any premises where live poultry are assembled and held for sale and slaughter
    - Does not include livestock auction buildings or USDA inspected poultry slaughter plants located outside the New York city and the counties of Nassau and Westchester
  
  - **Regulatory Amendment (1NYCRR Part 45 Avian Influenza):**
    - Require a minimum of 30 birds to be tested for movement qualification
    - Require that poultry moving into the LBMS be accompanied by a copy of the finalized laboratory test results
    - Require that AI tests are USDA official tests and are conducted in USDA – approved laboratories
Diagnostic & Surveillance

- **State Program Review, Update & Accomplishment Reports - New York – Dr. Joy Bennett**
  
  - Regulatory Amendment (1NYCRR Part 45 Avian Influenza):
    - Require poultry dealers to permit authorized representatives of NYSDAM to enter its place of business during normal business hours to inspect the facilities and vehicles
    - Require poultry dealer vehicle operators to present their C&D records to any NYSDAM representative immediately upon request

  - *No H5/H7 avian influenza detected in NY LBMs in FY2014*
Diagnostic & Surveillance

• State Program Review, Update & Accomplishment Reports - New Jersey – Susan Luchese

  – Revised NJ Administrative Code 2:9 Avian Influenza:
    • New rules adopted in 2006
    • Registration of three components of LBMS
    • Biosecurity protocols
    • Record keeping
    • 10-day slaughter
    • Mandatory quarterly closures
    • Penalties for violation of rule
Diagnostic & Surveillance

• State Program Review, Update & Accomplishment Reports - New Jersey – Susan Luchese

  – Success is a direct result of:
    • The resources provided by USDA
    • The collaborative efforts of USDA, PA, NY & NJ
    • Continued oversight and education
    • Ongoing surveillance
    • Routine closures
    • Rapid testing analysis

  – One H5 positive (rRT-PCR) in NJ LBM in FY2014
Diagnostic & Surveillance

- State Program Review, Update & Accomplishment Reports – Pennsylvania – Dr. Aliza Simeone
  - Regulatory Action (Successful criminal citations in 2 jurisdictions):
    - Dead animal disposal violations
    - Poultry crate sanitation violations
    - Record keeping violations
    - Quarterly closure cheating (violation of a quarantine order)

- No H5/H7 avian influenza detected in PA LBMs in FY2014
Diagnostic & Surveillance

- State Program Review, Update & Accomplishment Reports - California – Dr. Sarah Mize

- Established an Avian Health Group after END outbreak in 2002/2003 which immediately helped develop AI prevention and control program

- Success is a direct result of:
  - Early detection, inspection, and routine surveillance on a monthly basis
  - Sources of birds are identified
  - LBMs must be licensed by CDFA
  - Established relationships with suppliers and market owners
  - Biosecurity assessed and testing program established
  - Increased outreach and education

- No H5/H7 avian influenza detected in CA LBMs in FY2014
Diagnostic & Surveillance

- State Program Review, Update & Accomplishment Reports – Texas – Dr. Max Dow

  - New Direction and Initiatives:
    - Updated AI plans in conjunction with Texas Poultry Federation (Jan 2014)
    - TAHC Commissioners approved state indemnity to owners
    - Education/outreach programs:
      - Poultry disease brochures (AI, ILT) and Live Bird Market brochures are revised as necessary to keep current.
      - New Employee Orientation (NEO) includes lab training at Center TVMDL Poultry lab and site visits to LBMS in Houston area and in North Texas (TAHC has more frequent presence at venues and more visibility)
    - LBM site-specific biosecurity plans are updated annually with operators

  - No H5/H7 avian influenza detected in the TX LBMs in FY2014
Diagnostic & Surveillance

• State Program Review, Update & Accomplishment Reports - Florida – Luis Fabian

• New Initiatives:
  – Implemented poultry import permit verifications
    • Ensures that poultry coming into the state are tracked
  – FDACS partnered with the Department of Health and Fish and Wildlife Conservation
    • Involved in several meetings and worked together for outreach education materials
  – Investigations are initiated when there is a cluster of >5 dead birds

  – *No H5/H7 avian influenza detected in FL LBMs in FY2014*
Diagnostic & Surveillance

• State Program Review, Update & Accomplishment Reports – Minnesota – Dr. Dale Lauer

  – MN Definition of LBM:
    • “Live bird market" means a slaughter establishment at which live poultry are gathered, kept, sold, and subsequently slaughtered on site

  – Statutory Authority: MS 35.03, Pub: April 4, 2013:
    • A permit from the board must be obtained prior to operating a live bird market in the state
    • Live bird market must be inspected at least once every 12 months by the board to demonstrate compliance
    • Live bird market facility, crates, and equipment must be maintained in a reasonably sanitary condition
    • Records must be kept of the bird type, origin of birds, dates the birds enter the facility and are killed
    • All records must be maintained for at least two years and be available for inspection upon request
Diagnostic & Surveillance

• State Program Review, Update & Accomplishment Reports – Minnesota – Dr. Dale Lauer
  – Statutory Authority: MS 35.03, Pub: April 4, 2013:
  • Poultry at each live bird market must be tested for avian influenza once every 30 days
  • Samples collected from 30 randomly selected birds
  • Sample type will be determined by the board
  • All tests must be conducted at an official laboratory
  • Testing must be performed at the owner's expense unless state or federal funds are available
  • All poultry must be slaughtered and removed from each LBM at least once every 30 days
  • Following depopulation of facility, it must remain empty of poultry for at least 24 hours
  • Entire facility must be cleaned and disinfected

– No H5/H7 avian influenza detected in the MN LBMs in FY2014
LBMS Number of Birds Sampled
FY 2007- FY 2014

*FY2014 Q1 & partial Q2
LBMS Number of Tests Performed
FY 2007 - FY 2014

*FY2014 Q1 & partial Q2 total
FY2014  H5/H7 AI Detections in the LBMS

- One H5 positive (rRT-PCR) from quail in NJ LBM
  - Traced forward to 4 NY LBMs and 2 PA LBMs
    - All were rRT-PCR negative

- Three detections in poultry auctions
  - H7N2 LPAI virus isolated from chickens in PA
  - H7N7 LPAI virus isolated from chickens in DE
  - H5 viral RNA isolated from chicken in PA
Education & Outreach

• Update Poultry Handling and Transportation Quality Assurance (PHTQA)
  – Transition of administration to US Egg & Poultry (Paul Pressley) to offer as an education program along with their current programs
  – Update materials to reflect national practices
  – Online training modules (no more printed manuals, unless self print)
  – No longer a 3rd party certification program – EDUCATIONAL TRAINING
  – Update materials to include additional poultry species (i.e. ducks, broiler/turkey/egg breeders, enriched colony layers)
  – Keep up to date with current AVMA euthanasia guidelines
  – Original PHTQA Oversight Committee would remain involved in program development and material updates

• website address: www.poultryhandling.org
Education & Outreach

- Two Bird Health Webinars & Twitter Chats this year: February and August
  
  - Each webinar had 500+ registrants and 100-200 participants
  
  - The retention rate for the webinars was extremely high – more than 70% of the participants stayed on for the entire broadcast
  
  - The Twitter chat grew each time:
    - In February → 230 tweets and 47,000 users
    - In August → 282 tweets and a reach of 1.5 million
  
  - The webinars and chats included USDA and CDC staff and the Chicken Whisperer
Education & Outreach

Social Media:
• Healthy Harry’s Facebook page now has 3,915 likes

• @Healthy_Harry has more than 1,100 followers

• A lot of growth came from the webinars, Twitter chats, and the Chicken Whisperer’s network of followers

• We are still looking for content to post, so if you have materials or information you would like to see featured, please share. We will include what we can!

• [Link](http://www.aphis.usda.gov/animal_health/birdbiosecurity)
Education & Outreach

Looking Ahead to 2015:

• Healthy Harry
  – We are working on three new Healthy Harry videos that we hope to launch over the winter or during next year’s Bird Health Awareness Week

• Webinar/Twitter Chat
  – We added a second webinar/Twitter chat in August 2014 which went very well, so we will do it again in August 2015
Education & Outreach

Looking Ahead to 2015:

• Fair Package
  – In 2015, we will have fair packages available on a first-come, first-serve basis.
  
  – One package per organization to ensure the materials reach a large audience

  – They will contain calendars, brochures, and fair factsheets

  – If people would like more factsheets, they can print them from the PDFs on our website
Education & Outreach

Contact Info:
Joelle Hayden
301-851-4040
joelle.r.hayden@aphis.usda.gov
2015 LBM CE Training Course
Poultry Research & Diagnostic Laboratory
College of Veterinary Medicine, Mississippi State University

The BAD: What records are checked

1. Invoices
2. Receipts
3. Poultry Inspection Certificates (PICs) or Certificate of Veterinary Inspection (CVI)
4. Crate Tracking forms (NY)
5. Cratewash receipts (NY)
6. Cleaning and Disinfection (C&D) Logbooks (NY/MA)

NOTE: Dealer's records are verified at LBM by the dealer in the state of origin. For verification of out-of-state LBM, use Dealer Inspection summaries.
Questions??