Veterinary Services

HPAI Biosecurity & Indemnity
The Path Forward

Jack Shere
Acting Deputy Administrator
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
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2016 Confirmed HPAI Detection

• APHIS confirmed H7N8 HPAI in a turkey flock in Indiana on January 15, 2016

• First commercial detection since June 2015

• First H7N8 HPAI in any poultry species
LPAI Cases

- Eight LPAI cases in the surveillance area without clinical signs
- All cases depopulated as quickly as possible
- No other positive premises
-APHIS releases preliminary epi report March 4
2015 Outbreak

- 232 premises: 211 commercial and 21 backyard
- Approximately 50 million birds culled
- Over $800 million for response and indemnity
HPAI Planning: Biosecurity

• Biosecurity applies to all aspects of production
• APHIS is seeking industry input on better ways to monitor biosecurity
Biosecurity Guidelines

- APHIS supported ISU and U.S. Poultry and Egg Association to develop guidelines
- Guidelines arranged by checklist topic
- Should be modified to fit each premises

Checklist for Self-Assessment of Enhanced Biosecurity: www.poultrybiosecurity.org/
HPAI Planning: Indemnity

Changes to processes:

• Split payments for contract growers
• Biosecurity self-certification
• Biosecurity plan
• Inventory upon suspicion of HPAI
HPAI Planning: Depopulation

- Goal: Depopulate infected flocks ideally within 24 hours
Ventilation Shutdown

• Last Resort
• Research continues on use of this option to retain effectiveness
HPAI Planning: Virus Elimination Payments

• Flat rate for each poultry type
• Based on cost for dry cleaning and heating to eliminate virus
• Producer can choose method
• Paid in two installments
Industry Achievements

• Producers’ support and participation quelled Indiana outbreak quickly

• Industry support for biosecurity messaging will be key
Leadership Transition and Other Hiring

• VS transitioning top leadership as well as making other adjustments
  o Term hires will ensure personnel on hand in event of future outbreaks
  o Deployments and incident teams handling outbreaks on the ground
  o Laboratories ready to boost diagnostic capability
Vaccination

• Vaccination is a complex issue

• APHIS has not approved the use of vaccines at this time

• However, we are taking steps to be ready if we do approve their use

• Finalized policy posted on APHIS website
Wild Bird Surveillance

• Interagency Strategic Plan published June 2015
• Over 40,000 samples collected since July 2015; no confirmed HPAI
• H7N8 LPAI in Kentucky in November 2015
Research

• Work with ARS in HPAI-related research
• Supports through:
  o Characterizing reference preparation of outbreak viruses;
  o Supporting epidemiological studies
  o Diagnostic development and improvement (i.e., efficacy of tests to detect virus types)
  o Vaccine evaluation
Questions?