HPAI: Federal Response and Planning

U.S. Animal Health Association
Committee on Transmissible Diseases of Poultry
October 26, 2015

Dr. Burke Healey
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
Topics

• Broad overview of 2015: outbreak, current status, and response.

• Planning for fall: What we learned and what we changed.
Timing of Cases

Premises Detected for ALL STATES 12/10/14 to 7/9/2015 Captive Wild, Backyard, Commercial
By WEEK

Last detections: commercial June 17; wild bird July 31.
HPAI Statistics, Recovery Status

• 21 States with commercial, backyard poultry or wildlife HPAI detections; none in Atlantic flyway.
• 15 States with commercial (9) or backyard (11) poultry HPAI detections.
• 211 commercial premises with HPAI detections.

As of October 21:
  – 208 completed cleaning/disinfection (includes 6 fallowed)
  – 203 eligible to restock.
Costs and Impacts

• Economic Losses:
  – Direct: $1.6 billion.
  – Economy-wide: $3.3 billion.

• Federal taxpayer:
  – $990 Million ($200 M indemnity; $600 M other response costs).

• Trade Impact:
  – 38 Trade Partners regionalized US.
  – 17 Trading Partners with total ban.
    • China - $391 million.
    • Russia - $153 million (previous ban).
    • South Korea - $123 million.
Outbreak Response

Basic steps:

– **Quarantine**: Restrict movement of poultry into and out of the control area;
– **Eradicate**: Euthanize the affected flocks;
– **Monitor**: Test wild and domestic birds in a broad area around the quarantine area;
– **Disinfect**: Kill the virus in the affected flock locations; and
– **Test**: Confirm that the poultry farm is AI virus-free.
24 Hour Push Packs

• Contains PPE and decontamination supplies.
• Deploys within 24 hours of APHIS’ approval.
• Arrival will precede additional items necessary to continue supporting the response.
National Veterinary Stockpile

Deployable HPAI countermeasures:

• Equipment
• Supplies
• 3D response support
Depopulation
Disposal
Disinfection
A final thought...

In preparing for battle I have always found that plans are useless, but planning is indispensable.

Dwight D. Eisenhower
Questions?