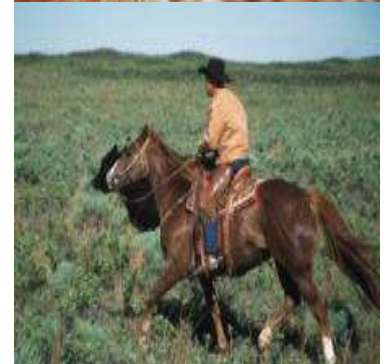




Preventing and Handling HPAI for the Future

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Veterinary Services
Surveillance, Preparedness, and Response Services
April 21, 2016



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
- Epi report released March 4 and updated March 18

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/

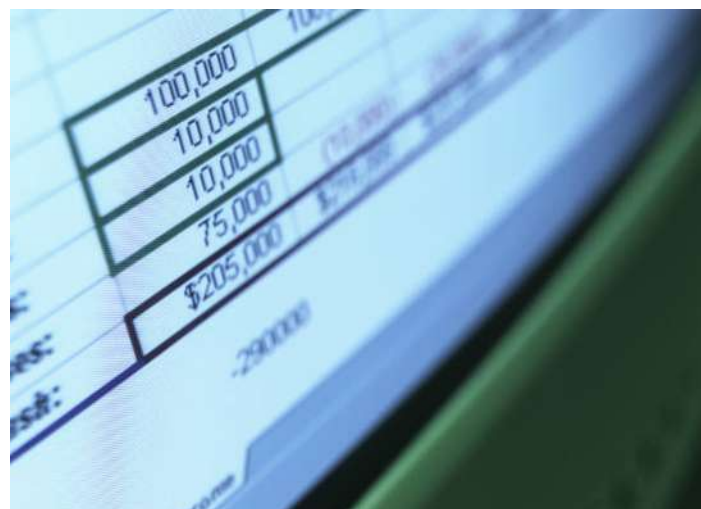
HPAI Planning: Indemnity

Changes to processes:

- Split payments for contract growers
- Biosecurity self-certification and Biosecurity plan
- Inventory upon suspicion of HPAI

Layer calculators:

- Used to provide \$200 million in indemnity payments
- Will be updated in April 2016



HPAI Planning: Depopulation



- Goal: Depopulate infected flocks ideally within 24 hours



Ventilation Shutdown



- Used with other methods on some Indiana premises
- Generally only to be used as “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

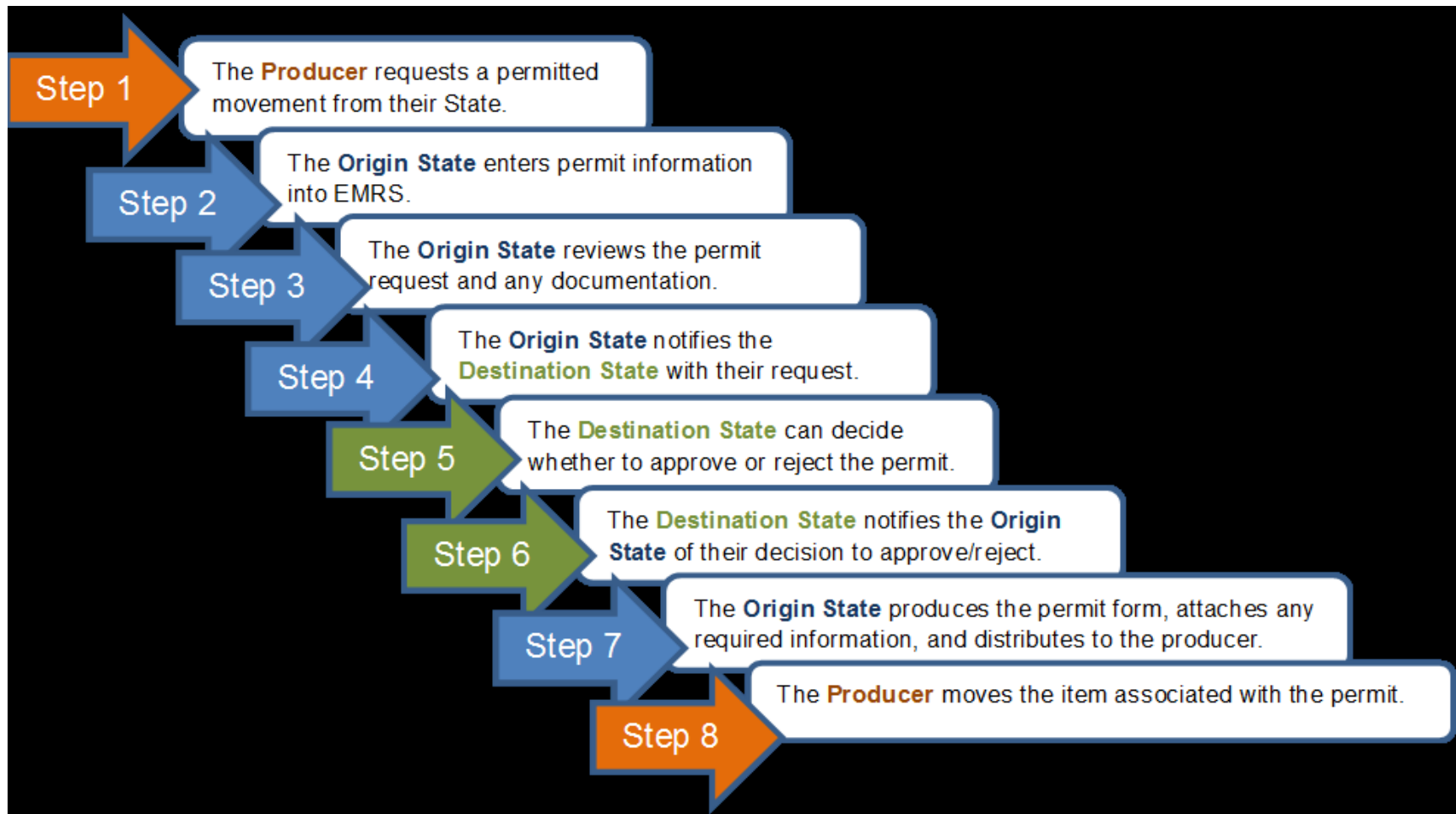


HPAI Planning: Disposal



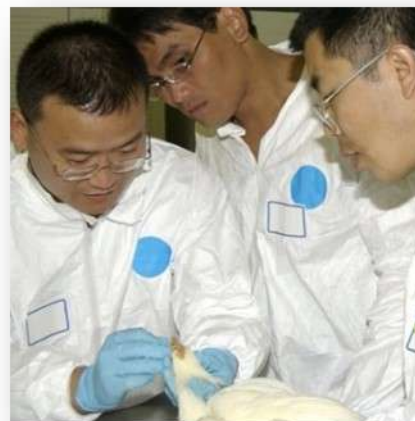
- Large layer facilities pose a challenge to disposal.
- Record of decision on carcass disposal EIS issued March 24.
- Disposal must be efficient, cost effective, and environmentally safe.

Permitting

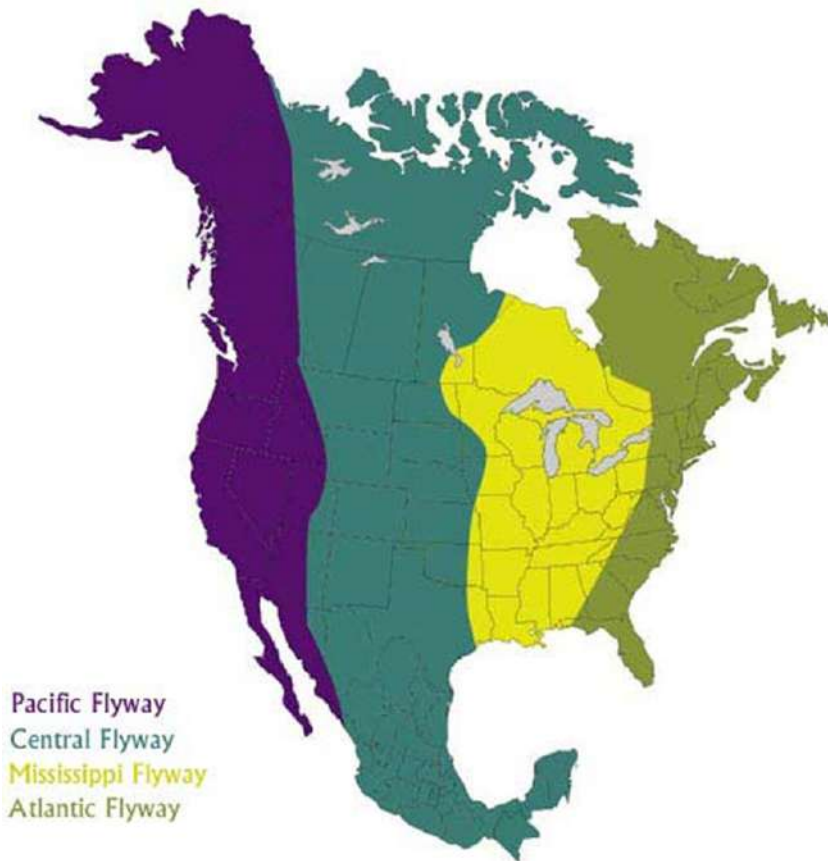


Vaccination

- 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:
 - Characterizing reference preparation of outbreak viruses;
 - Supporting epidemiological studies
 - Diagnostic development and improvement (i.e., efficacy of tests to detect virus types)
 - Vaccine evaluation



Leadership Transition and Other Hiring

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

Questions?

