

2015 HPAI Outbreak in Iowa

Heartland Avian Influenza Workshop

August 11th and 12th, 2015

Rankings

Iowa is Ranked:

- #1 in Chicken Layers
- #1 in Pullets
- #8 in Turkeys
- #1 in Egg Production

Pre Outbreak

- In March 2015, Layers
 - Iowa had 59.5 million egg layer chickens
 - 16% of national stocks
 - 3,821 laying facilities
- Annual Turkey production
 - 11 million turkeys
 - 8th in US turkey production
 - ~200 farm sites

Impact

- By the end of June, Layers
 - 24.7 million egg layer chickens euthanized
 - 41.5% of Iowa's stock
 - 22 laying facilities
- Annual Turkey production
 - 1.1 million turkeys
 - 10% of Iowa's stock
 - 35 farm sites

Planning for an Outbreak



IDALS Planning Efforts



Planning for an Outbreak

Iowa DNR's Foreign Animal Disease Plan was developed in 2003

- Supplement Annex W of the Iowa Emergency Response Plan
- Provide latest analysis of all available disposal options
- Laid out DNR's role in an outbreak

Current Outbreak Timeline

Iowa is still dealing with the outbreak – *As of 7/31/2015*

- 20 premises cleaned 19 disinfected
- Environmental samples collected at 20
- 6 eligible to restock

Projected by August 9th

- 35 cleaned & 28 disinfected
- 22 sampled and 20 eligible to restock

It is anticipated Iowa will still be dealing with the Spring outbreak in mid September

Short Term Preparations

Once the outbreak response and premises recovery has begun we'll do:

- An After Action Report.
- Prepare for the next outbreak
 - Determine if there is a need to stockpile anything
 - Determine if policies need to be changed/updated

After Action Report

There are a lot of things we won't have a good handle on until we've looked at the event in detail. That's where the AAR comes in.

- Reviewed what worked and how we got to those solutions
- Reviewed what didn't work so well and what we can do to improve it

Longer Term Efforts

Our longer term efforts will in large part depend on what we can do short term

- Take what we learned from this outbreak and apply it to other livestock.
- Are there legislative hurdles that need to be worked out
- If we need to purchase equipment – when and how

Longer Term Efforts (cont)

- Some issues from the AAR don't have easy solutions
 - How to deal with perceptions of the public
 - Biosecurity & movement control
 - Working with the producers early and often
 - Working with local responders and the community