Minnesota H5N2 HPAI
Lessons Learned
119th USAHA and 58th AAVLD Annual Meeting
October 22-28, 2015
Rhode Island Convention Center
Providence, Rhode Island

Mike Starkey
Emergency Planning Director
Incident Commander, MN HPAI
Minnesota Department of Agriculture
625 North Robert Street
St. Paul, MN 55155
Work 651-201-6286
michael.starkey@state.mn.us

H5N2 HPAI
• Highly Transmissible Foreign Animal Disease
• Highly Pathogenic
• USDA support
• NEVER be first
• Remember, it’s not a sprint. It’s not a marathon.

IT’S BOTH
Minnesota HPAI by the Numbers

98 Commercial Turkey Flocks
6 Dangerous Contact Turkey Flocks
4 Commercial Layer Flocks
1 Pullet Flock
1 Backyard Flock
9,000,000 Birds affected
$650,000,000 in economic loss

By the Numbers

March 5 to October 5, 2015
2731 permits to 49 states
All 104 control zones released
100 prems, C&D is complete
97 prems, Environmental testing is complete
94 prems, Approved to restock
68 prems restocked
47 prems, Released from quarantine
Younger flock, same premises

MN HPAI Epi Curve
Incident Command Post
County Emergency Operations Center
Department Operations Center
State Emergency Operations Center
High Ops
Important Dates

- Feb 27, unusual death loss
- March 5, Pope County index case, Kandiyohi EOC
- March 27, 1st flock in Stearns County, permitting necessary
- March 28, St. Cloud EOC
- April 2, 7 cases and counting, USDA IMT requested
- April 23, Governor declares Peacetime Emergency
Be Prepared

- To the extent possible, understand your Industry, County, State Vet, State and USDA authorities, roles, responsibilities, and expectations.
  - Biosecurity
  - Personal Protective Equipment
  - Depopulation
    - Methods, Field Training
  - Disposal
    - Methods, Field Training
    - Confidentiality

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- Who’s paying for what?
  - 40 hour
  - Overtime
    - Local assistance
      - State agency assistance
  - Contractors
  - Laboratory
Data Management

- EMRS, EMRS, EMRS, EMRS
  - Working Knowledge
  - Trained, Backups
- Permitting
  - Training, Backups
- Case Managers
  - Flocks Plans, Cooperative/Compliance Agreements

Depopulation/Methods

- Goal, Depopulate within 24 Hours of a Positive H5 Result.
- Minnesota fell behind
  - Started with 1 foamer
    - Water
    - Foam
    - Training
- Egg Layers – what method, how to do it = 24+ days
  - CO2 availability
MN Carcass Disposal Options

- Burial, Incineration, Landfill, Composting, Render
- Landfill, NEVER RELY ON
- On-site burial, land of 10,000 and 100,000 ponds
- Incineration, low out put
- Rendering, what’s the end-game
- Composting; science and art
  - Setting, monitoring, turning, movement

The 215
Clean vs. Dirty

Quick Hitters

- Go BIG Early
- Identify Long Term Case Managers
- Involve the Industry in Policy Decisions
- Finance
  - Purchasing
  - Contracting
  - Cooperative Compliance Agreements
- Resource Ordering;
  Federal, State, County
- Resource Tracking
H5N2 HPAI

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It’s not a marathon

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