

Minnesota H5N2 HPAI Lessons Learned

119th USAHA and 58th AAVLD Annual Meeting
October 22-28, 2015

Rhode Island Convention Center
Providence, Rhode Island

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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

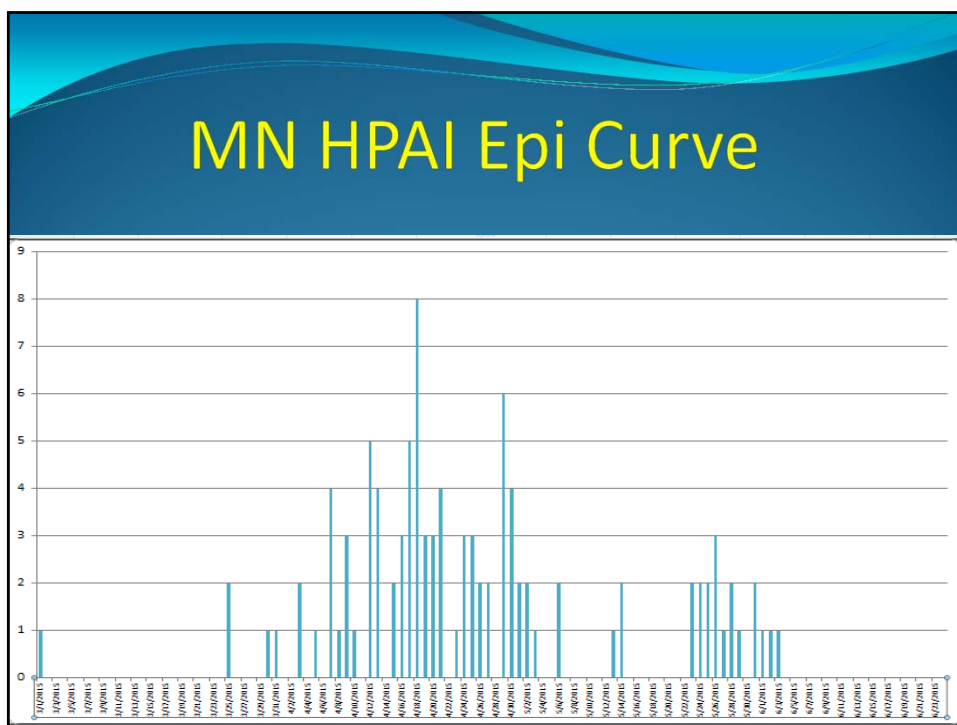
- 98 Commercial Turkey Flocks
 - 6 Dangerous Contact Turkey Flocks
- 4 Commercial Layer Flocks
- 1 Pullet Flock
- 1 Backyard Flock
- 9,000,000 Birds affected
- \$650,000,000 in economic loss

By the Numbers

March 5 to October 5, 2015

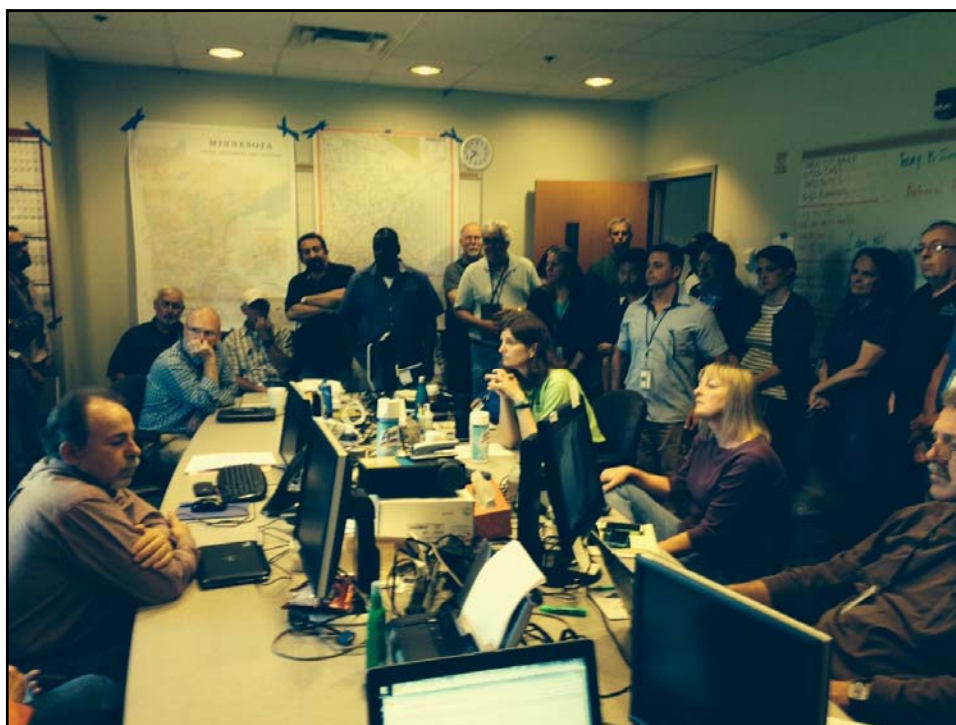
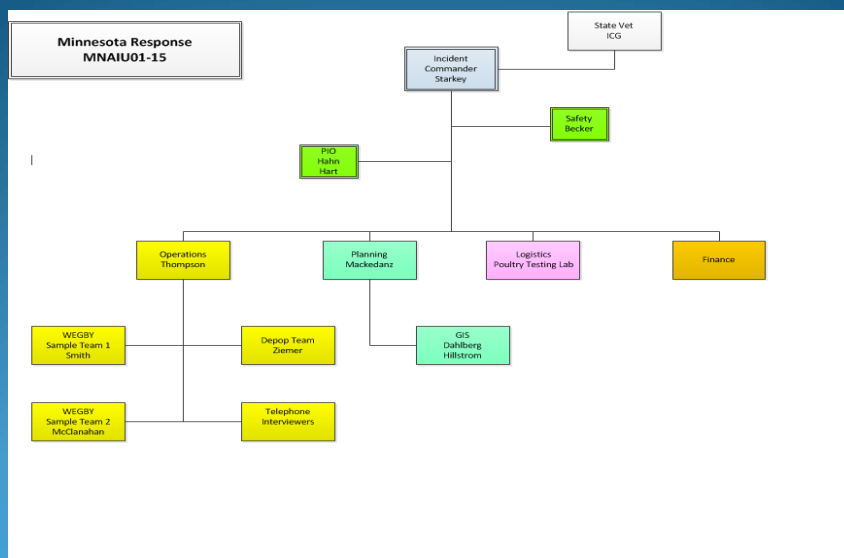
- 2731 permits to 49 states
- All 104 control zones released
- 100 prems, C&D is complete
- 97 prems, Environmental testing is complete
- 94 prems, Approved to restock
- 68 prems restocked
- 47 prems, Released from quarantine

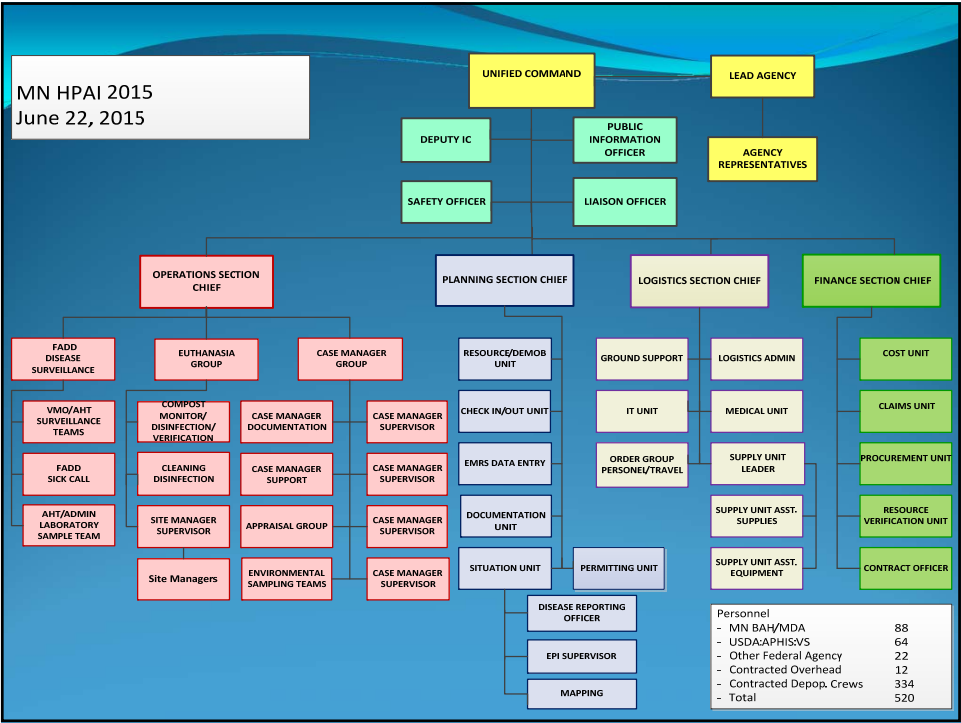






Incident Command System

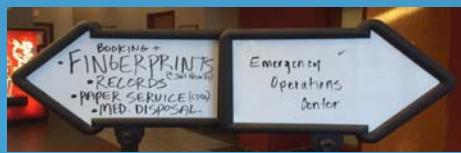






Important Dates

- 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 Mangers
 - -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

OPERATIONAL PLANNING WORK SHEET

POCK HORN - Route Barrett - Root MN HPAL 2015

DATE: 12/15/2015

TIME: 07:00 - 19:00

LOCATION	TIME	NAME	TYPE	STATUS	REMARKS	TIME	NAME	TYPE	STATUS	REMARKS
WET	Renville 2	07:00	Woods	○	S. D. Harris	1:00	Renville 2	07:00		
WET	Kandi 6	10:00	Doug B	○	S. D. Harris	1:00	Kandi 6	07:00		
WET	Kandi 18	10:00	Doug B	○	S. D. Harris	1:00	Kandi 18	07:00		
WET	Kandi 15	10:00	Doug B	○	S. D. Harris	1:00	Kandi 15	07:00		
WET	Stearns 2	10:00	Hans	○	S. D. Harris	1:00	Stearns 2	07:00		
WET	Redwood 1	10:00	Hans	○	S. D. Harris	1:00	Redwood 1	07:00		
	Boscawen Map		NO				TBD	07:00		
	Compost Monitor		B. Harris				TBD	07:00		
	Disinfection Monitor		TBD				TBD	07:00		

Notes: 1. All locations are within 1000 feet of the road. 2. All locations are within 1000 feet of the road. 3. All locations are within 1000 feet of the road.

Status Board

Day off 3
R. Austin

Case Manager Sup:
Gustavo Saborano

Does/EMHS Lead:
Kellly Neusan*

Does/EMHS Assist:
A. Rinaas Smith
A. Jannet Curran
Olivia Su
Tina Shuman

Environmental Sampling:
Lukle Stuewe

Finance:
?

OFF-Site Scale CHS

Jason Carter - Past, PPS, PPS, Class
Terry Sistrud - Steele, Les, BE1, Mkt, Rv7, Rv2
Gordly Lindeman - OT2, OT3, Wood, LOPE, Sw1, Sw2, Sw5
H. Cuxley - Wet, Col 1, Col 2, Nat, Sw1, Pop2, Lat
Patty Burns-Lander - K1, K17, K29, K13, K14, K11, K12, K25, H10
(w/PC Turkey Legged)
Sue Chapman - St 12, Rv3, Past, Past, Br 4, Br 1, B2

Peacemakers Home: 6 CHS + 75; 1 Sup - ?

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Status Board

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Clean vs. Dirty

MAINT
21.21
212-10830

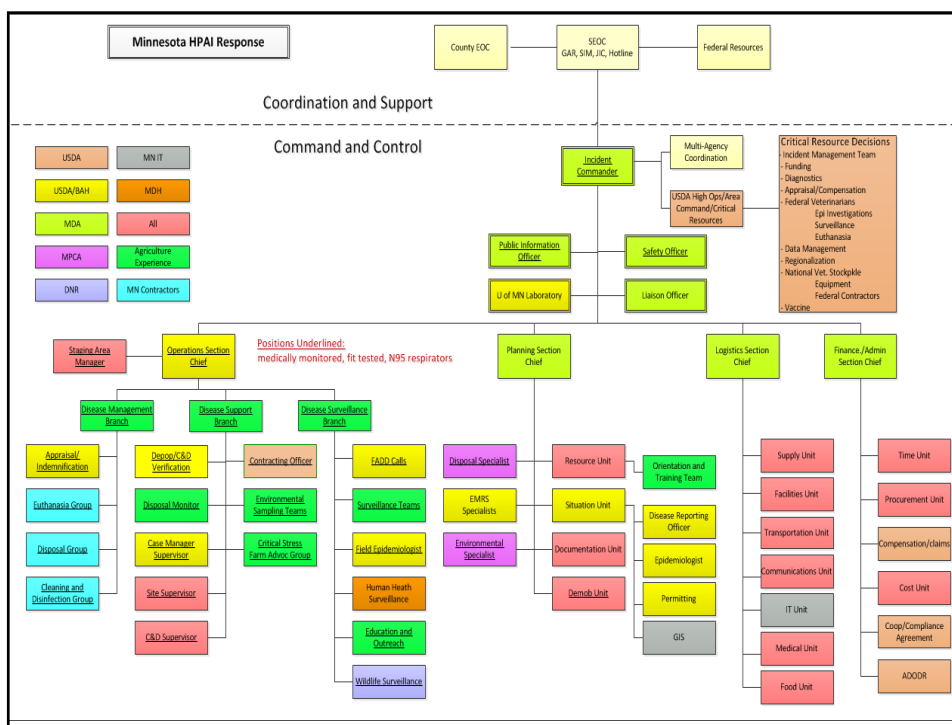
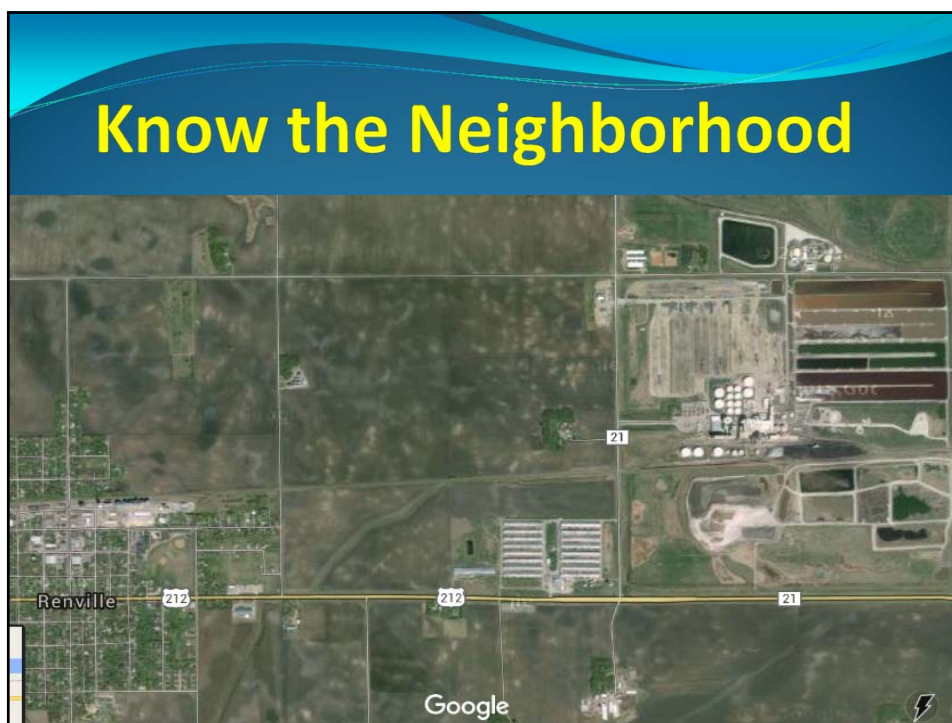
--- Tomorrow ---
--- Wed August 5th ---

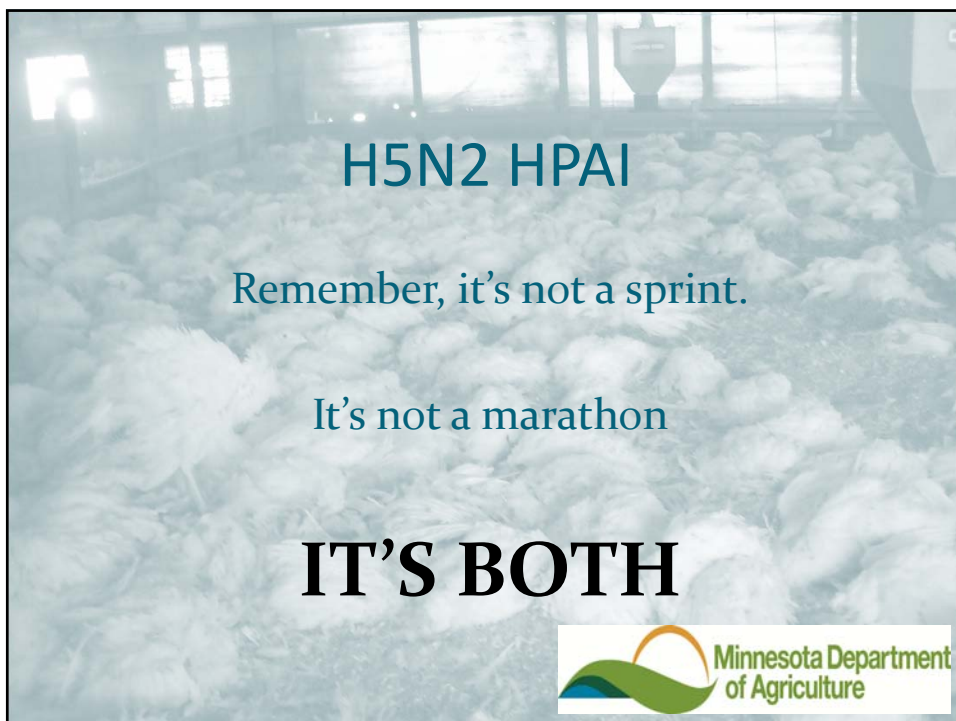
Demobilization:
T. Manfredi
K. Conn

Color	Name	Premise	Activity	Buddy	Time	Color
Green	LANCE	SWIFT 4	ENVIRO SAMPLE	JASH, PEGGY WILL	0900	Red
Yellow	K. Conn	Kandi: 35	Pre Dis. Insp.	N. Giguere	0900	Red
Yellow	R. Domenech	Kandi: 39	Pre Dis. Inspection	D. Bennett R. Brock	10:00	Red
Red	K. Conn	Kandi: 54	Site Visit	N. Giguere	1000	
Red	T. Manfredi	Renelle B	Site visit	J. Begay	0800	

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




A photograph of a large flock of white chickens in a barn, with text overlaid. The text reads: "H5N2 HPAI", "Remember, it's not a sprint.", "It's not a marathon", and "IT'S BOTH". The Minnesota Department of Agriculture logo is in the bottom right corner.

H5N2 HPAI

Remember, it's not a sprint.

It's not a marathon

IT'S BOTH



Minnesota Department
of Agriculture