

Avian Influenza Plan



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NC Department of Agriculture and Consumer Services

NC HPAI Plan

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- II. Diagnostic Resources
- III. Routine Surveillance
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Plan Development Partners

North Carolina Department of Agriculture & Consumer Services

United States Department of Agriculture

North Carolina Department of Health and Human Services

North Carolina Poultry Industry

North Carolina Department of Crime Control and Public Safety, Emergency Management Division

NCDA&CS DIVISION RESPONSIBILITIES



Veterinary Division

Regulatory Authority
Provides Leadership
Technical Expertise

Emergency Programs Division

Incident Management (ICS)
Logistics
Multi-Hazard Threat Database
Coordinates Efforts of Partners



Partners HPAI Roles

United States Department of Agriculture – Funding and National Coordination

North Carolina Department of Crime Control and Public Safety, Emergency Management Division – Incident Management (by Statute)

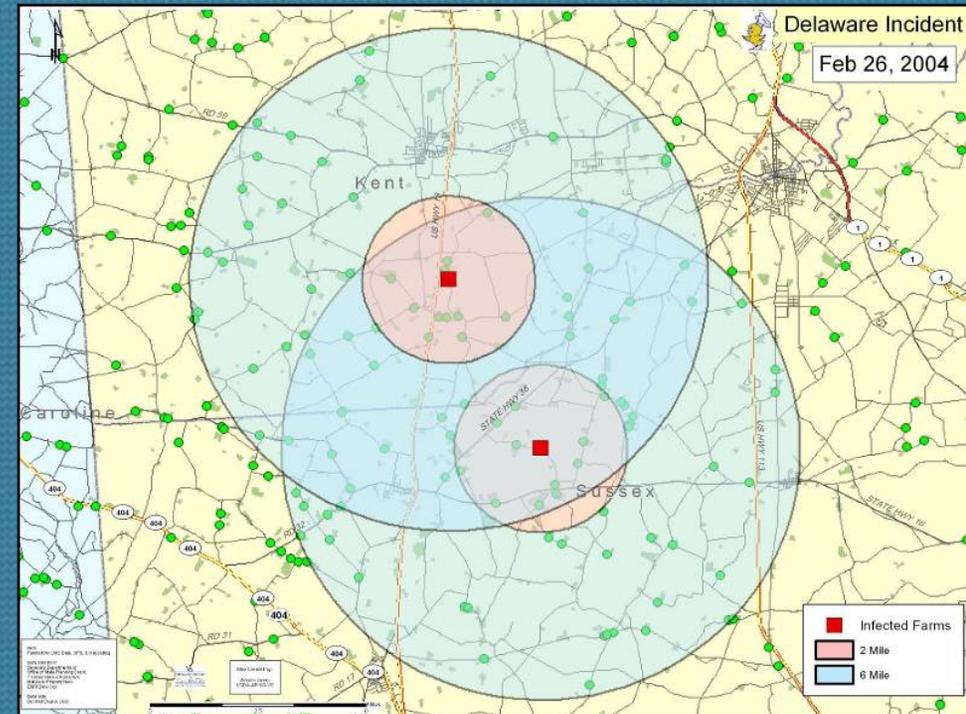
North Carolina Department of Agriculture & Consumer Services – Lead Agency for Agricultural Issues

North Carolina Department of Health and Human Services – Lead Agency for Human Health and Welfare Issues

North Carolina Poultry Industry – Response Resources and Intellectual Expertise

RESPONSE OBJECTIVES TO HPAI

Protection of people
Rapid diagnosis
Quarantine
Prevention of movement
Culling of infected birds
Increased surveillance
Protection of the Food
Chain



Our plan is based on what has worked well in other outbreaks, like the LPAI outbreak involving 3 farms in MD and DE in 2004

RESPONSE ASSETS -

Company “Strike Teams”

- People involved in depopulation of birds

- Contract skid-steer operators

- Clean and Decon Crews

Contract growers and their families

Contract Service Crews

Laboratory workers

Law Enforcement

Government Response Personnel

Emergency Response Organizations

CONTROL ZONES -

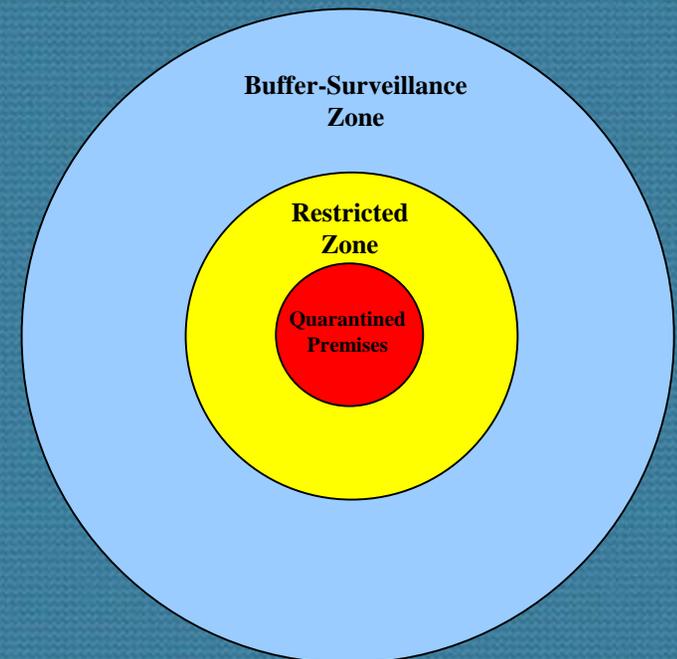
Bulls Eye 2 and 6 mile for initial 3-6 premise

Geographical For larger numbers of infected or suspected premise

Combination for clusters and isolated single digit premise

Buffer-Surveillance Zone

Same as for Restricted Zone



SURVEILLANCE -

Quarantined Premises: all sampled first 24 hours

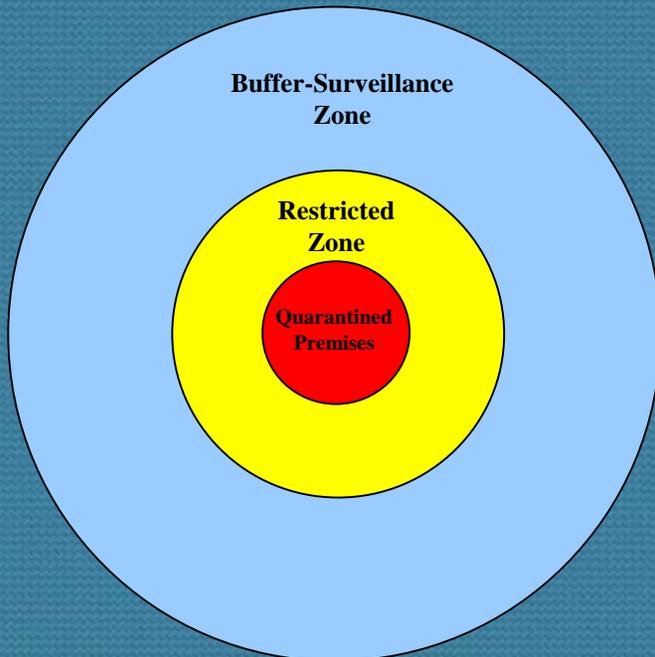
Restricted Zone: all flocks first 48 hours

Buffer-Surveillance Zone: flocks within 48 hours of slaughter

Daily phone calls to check mortality

Barrel surveillance on any farm with mortality

> 3 birds per 1,000



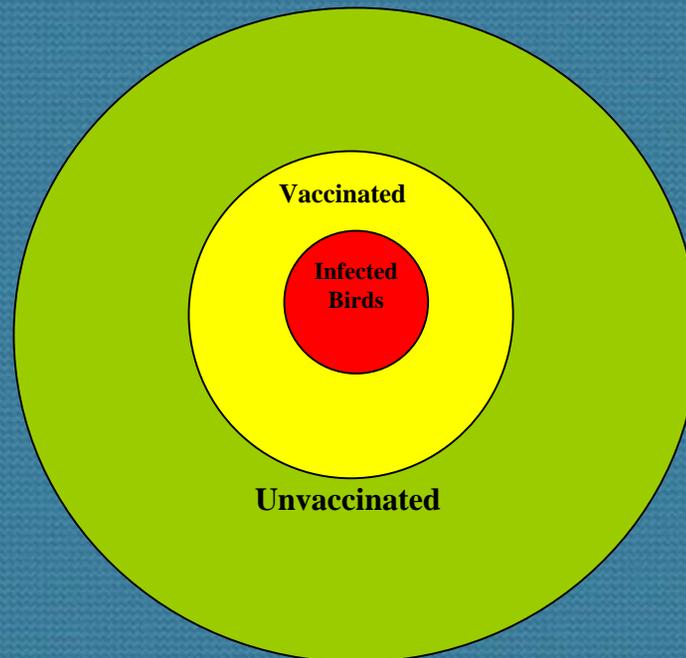
VACCINATION

Eradication is best achieved by removing birds

Vaccination would be considered if outbreak

Is not detected until large geographic area affected

Occurs in extremely valuable or genetically important breeding stock



ENHANCED and ENFORCED BIOSECURITY -

Recommended Practices for General Commercial Poultry
Farm Biosecurity

Biosecurity Measures for Farm Visitors

EPA List of Approved Disinfectants

Backyard Flocks Will Require Industry or Government
Assets

QUARANTINE RELEASE REQUIREMENTS



- Litter and house management to eliminate virus
- Cleaning and disinfection
- Testing
- Inspection by NCDA&CS

COMMUNICATION AND EDUCATION

Ongoing education efforts

Biosecurity and recognition of disease

Poultry Companies

Service People

Growers

NCSU Cooperative Extension, NCDA&CS and USDA

Backyard growers

Upland gamebird growers

Gamebird growers

Waterfowl growers

Exhibition Poultry Owners



EUTHANASIA

Preferred Methods:

Foam

Carbon Dioxide



DISPOSAL

Preferred Methods

1. Composting in house
2. Burial on site
3. Land fill burial
4. Rendering
5. Gasification

