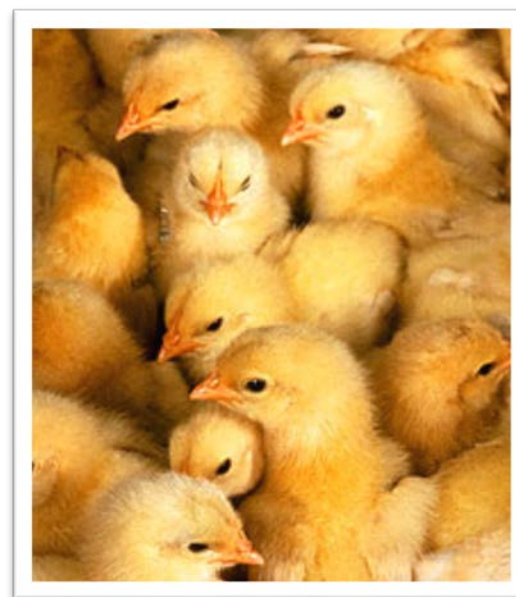
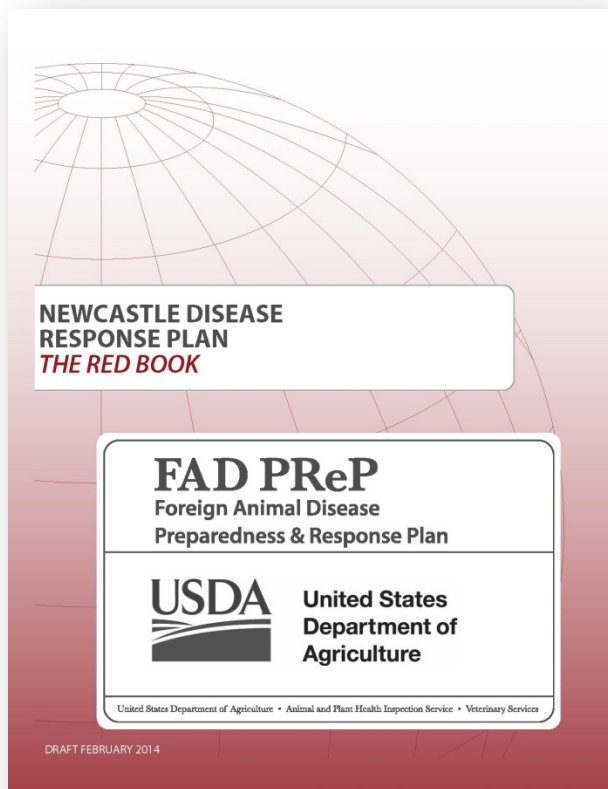


# Newcastle Disease (ND) Response Plan: The Red Book (2014)



# FAD PReP

# Purpose of Plan

- Provides responders with:
  - A guiding APHIS policy document to use during an ND outbreak in domestic poultry.
  - Current strategic guidance for control and eradication of ND in domestic poultry during an outbreak.

# Definitions

- Avian paramyxovirus serotype 1 (APMV-1) is the etiologic agent of ND in birds.
- APMV-1 viruses that cause ND are either virulent (vNDV) or low virulence (loNDV).
- In the Code of Federal Regulations, ND refers to an infection of poultry with vNDV.
- NDV refers to the virus in general.
  - For example, when discussing environmental persistence.

# Target Audience

- Animal health emergency responders, Federal, State, local, and Tribal governments as well as industry partners.

# Key Components of the Plan

- Response Goals
- Response Strategy
- Critical Activities and Tools
- Framework for Incident Management

# ND Response Goals

- Detect, control, and contain ND in domestic poultry as quickly as possible.
- Eradicate ND using strategies that are designed to protect public health and the environment and stabilize animal agriculture, the food supply, and the economy.
- Provide science- and risk-based approaches and systems to facilitate continuity of business for non-infected animals and non-contaminated animal products.

# ND Response Strategy

- The primary control and eradication strategy for ND in domestic poultry is stamping-out.
  - Stamping-out is the depopulation of all clinically affected and in-contact susceptible poultry.
  - If the spread of ND outpaces the resources for stamping-out, or if other factors direct the response away from stamping-out alone, emergency vaccination strategies may be considered.
- The response strategy will be supported by a coordinated public awareness campaign.

# ND Response Strategy

## Stamping-Out Policy

- Primary strategy for control and eradication of ND in domestic poultry.
- Infected birds will be depopulated in the safest, quickest, and most humane way possible.
- Based on the epidemiology of the outbreak, prioritizing the poultry to depopulate first may be necessary.
- Where resources are limited, premises will be prioritized so that those with the highest potential for active ND spread are “stamped-out” first.



# ND Response Strategy

## Coordinated Public Awareness Campaign

- Engages and leverages State-Federal-Tribal-local-stakeholder relationships to provide unified public messages for all audiences.
- Addresses the issues and concerns relating to food safety, public health, and animal welfare.
- Addresses issues and concerns related to continuity of business, interstate commerce, and international trade.

# Response Critical Activities and Tools

- Surveillance
- Diagnostics (Sample Collection, Surge Capacity, and Reporting)
- Epidemiological Investigation and Tracing
- Communications
- Health and Safety and PPE
- Biosecurity
- Quarantine and Movement Control
- Continuity of Business
- Mass Depopulation and Euthanasia
- Disposal
- Cleaning and Disinfection
- Vaccination
- Appraisal and Compensation



*These critical activities are covered in more detail in the FAD PReP Standard Operating Procedures.*

# FAD PReP

# Supporting FAD PReP Materials

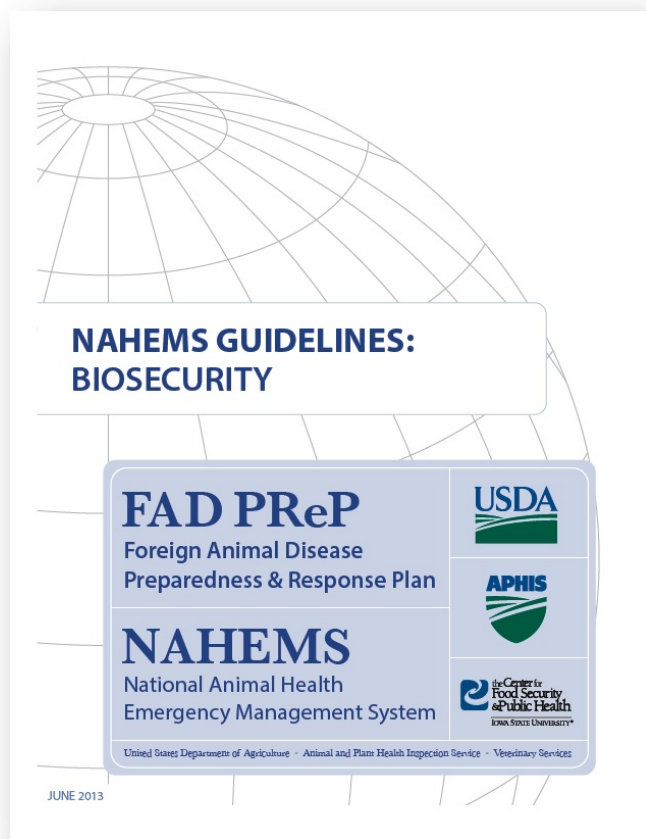
## Strategic Plans-Concept of Operations Documents

- APHIS Foreign Animal Disease Framework: Roles and Coordination (FAD PReP Manual 1-0)
- APHIS Foreign Animal Disease Framework: Response Strategies (FAD PReP Manual 2-0)
- APHIS FAD Investigation Manual (FAD PReP Manual 4-0)
- A Partial Listing of FAD Stakeholders (FAD PReP Manual 5-0)
- Incident Coordination Group Plan



# FAD PReP

# Supporting FAD PReP Materials



## NAHEMS Guidelines

- Health and Safety
- PPE
- Biosecurity
- Cleaning and Disinfection
- Mass Depopulation and Euthanasia
- Vaccination

# FAD PReP

# Sources

- APHIS Website
  - <http://www.aphis.usda.gov/fadprep>
- APHIS Intranet Website
  - <http://inside.aphis.usda.gov/vs/em/fadprep.shtml>



# Questions?

**FAD PReP**