Foreign Animal Disease Preparedness and Response Plan



National Preparedness and Incident Coordination

Veterinary Services Animal and Plant Health Inspection Service U.S. Department of Agriculture



Why Foreign Animal Diseases Matter

Preparedness and response planning for foreign animal disease (FAD) incidents is crucial to protect public health, animal health, animal agriculture, the environment, the food supply, and the economy.

Examples of FADs (Transboundary Diseases)

highly pathogenic avian influenza
foot-and-mouth disease
Newcastle disease
classical swine fever
African swine fever



Challenges of an FAD Response

- Significant disruptions to interstate commerce and international trade can occur.
- Response activities are complex and require significant planning and preparation before an event.
 Outbreaks are rapidly changing and can become large or widespread.



Lessons Learned

In order to effectively control, contain, and eradicate an FAD, we must: Provide processes for emergency planning that respect local knowledge.

- Integrate State-Federal-Tribal-industry planning processes.
- Ensure that there are clearly defined, obtainable, and unified goals for response.
- Have a Unified Command with a proper delegation of authority that is able to act with speed and certainty.

Lessons Learned

(continued)

Employ science- and risk-based management approaches to an FAD response.

- Ensure that all guidelines, strategies, and procedures are communicated effectively to responders and stakeholders.
- Identify resources and trained personnel required for an effective incident response.
- Try to resolve competing interests prior to an outbreak and addressing them quickly during an outbreak.
- > Achieve rapid FAD detection and tracing.

What is FAD PReP?

- > A public-private-academic partnership.
- Provides collaborations, products, and services for preparing for and responding to animal health emergencies.
 - The FAD PReP mission is...
 - to raise awareness, define expectations, and
 - improve capabilities for FAD preparedness and response.

FAD PReP

Foreign Animal Disease Preparedness & Response Plan



United States Department of Agriculture

United States Department of Agriculture • Animal and Plant Health Inspection Service • Veterinary Services

Preparedness Goals

 Define stakeholder expectations for successful and timely outcomes.
 Identify resources and personnel for potential large-scale outbreaks.

Identify and resolve issues that may become competing interests during an outbreak.

Provide a systems approach to preparedness issues that need additional time, attention, and collaboration.



Detect, control, and contain FAD outbreaks as quickly as possible.



Eradicate the FAD using strategies that stabilize animal agriculture, the food supply, the economy, and protect public health and the environment.



Provide scienceand risk-based approaches and systems to facilitate continuity of business for non-infected animals and noncontaminated animal products.



Achieving Response Goals

> Achieving these goals will allow individual livestock and poultry facilities, States, Tribes, regions, and industries to resume normal production as quickly as possible. They will also allow the United States to regain FAD-free status without the response effort causing more disruption and damage than the disease outbreak itself.

Examples of FAD PReP Collaborations, Products, and Services

- FAD PReP materials
- Secure Food Supply Plans
 - Secure Poultry Secure Milk Supply
 - Secure Pork
- Secure Beef Supply
- Secure Sheep and Wool
- California Department of Food and Agriculture (CDFA) California Animal Health Emergency Management System (CAHEMS) Tool Kit
- Incident Coordination and Exercise Support





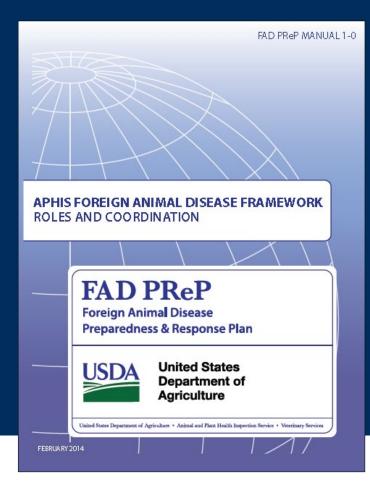
FAD PReP Materials

- Provides a source for critical FAD planning, response, and analytical documents.
- Provides emergency management information and animal disease information for planners and responders.
- All documents available on the APHIS public website: www.aphis.usda.gov/fadprep



Strategic Plans—Concept of Operations

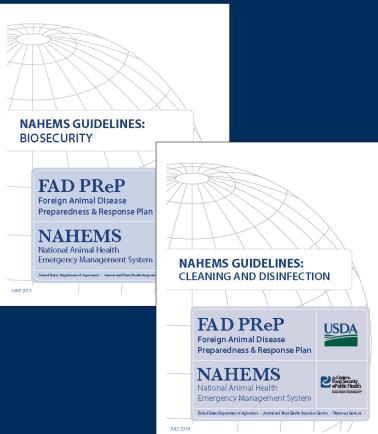
The strategic plans provide an overall concept of operations for FAD preparedness and response. They explain the framework of approaches and systems, identify key stakeholders, and explain how APHIS will prepare and respond to an animal health emergency.



Strategic Plans— Concept of Operations

NAHEMS Guidelines

NAHEMS Guidelines cover important preparedness and response activities. They provide critical information for stakeholders to prepare for an animal health emergency.



Strategic Plans— Concept of Operations NAHEMS Guidelines

Industry Manuals

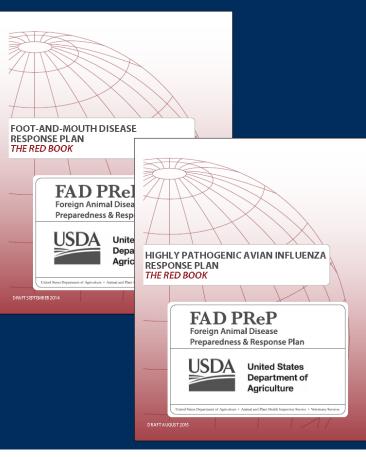
Industry manuals describe the complexity of animal industry for responders and provide industry information about emergency animal health emergency preparedness and response to producers.



Strategic Plans— Concept of Operation NAHEMS Guidelines Industry Manuals

Response Plans

Response plans provide diseasespecific information and response strategies. They offer guidance to all stakeholders on capabilities and critical activities that are required to respond to an FAD outbreak.



Strategic Plans— Concept of Operation NAHEMS Guidelines Industry Manuals

Disease Response Plans

Standard Operating Procedures Critical Activities

SOPs provide details for conducting critical activities, such as communication and biosecurity, that are essential to effective preparedness and response to an FAD outbreak. SOPs provide operational details that are not discussed in depth in strategy documents or disease-specific response plans.



Strategic Plans— Concept of Operations NAHEMS Guidelines Industry Manuals Disease Response Plans Critical Activity SOPs

Critical Activities for FAD Preparedness and Response

- Etiology and Ecology of Specific FAD Agents
- Case Definition Development Process
- Surveillance
- Diagnostics (Sample Collection, Surge Capacity, and Reporting)
- Epidemiological Investigation and Tracing
- Information Management
- Communications
- Health and Safety and PPE
- Biosecurity
- Quarantine and Movement Control
- Continuity of Business

- Overview of Regionalization for International Trade
- Mass Depopulation and Euthanasia
- Disposal
- Cleaning and Disinfection
- Vaccination
- Logistics
- Wildlife Management and Vector Control
- Animal Welfare
- Modeling and Assessment Tools
- Appraisal and Compensation
- Finance
- Incident Management

USDA





http://www.securebeef.org

http://securemilksupply.org

Additional Resources

- Ready Reference Guides
- > Training materials
- Manual 5-0 List of Stakeholders







Want more Information on FAD PReP? Start by visiting: www.aphis.usda.gov/fadprep

