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United States Animal Health Association

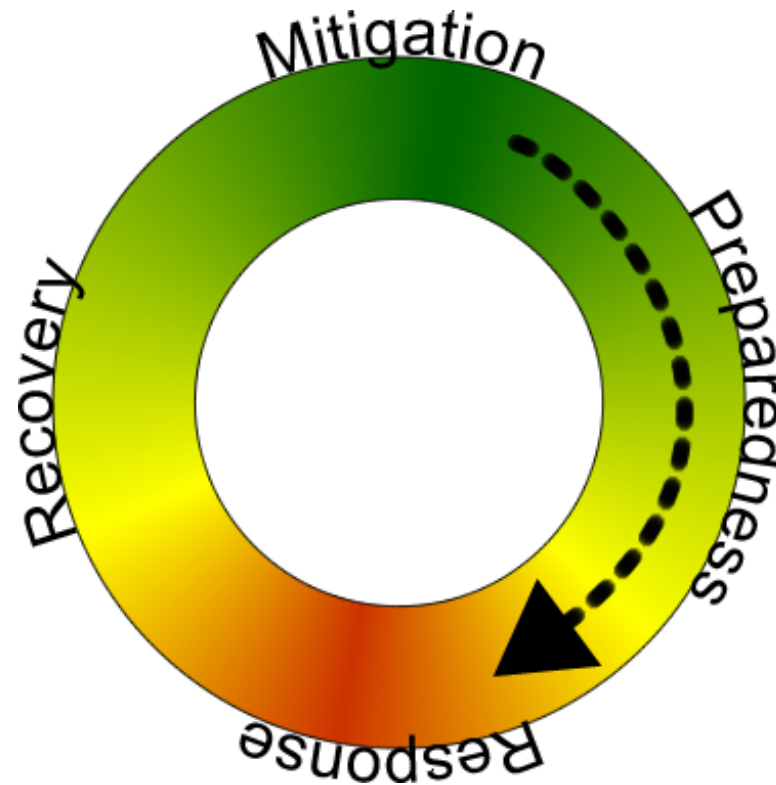
USDA 2012 Agricultural Outlook Forum



USDA/APHIS/VS Emergency Response to Disease Outbreaks

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Phases of Emergency Management



Emergency Response to Disease Outbreaks

This presentation describes

1. USDA's infrastructure for emergency response
2. Prevention - Actions taken to prevent entry of Foreign Animal Disease into the US
3. Diagnosis - How suspicious cases of disease are investigated and diagnosed
4. Response - to confirmed outbreaks
5. Challenges

USDA Foreign Animal Disease Infrastructure

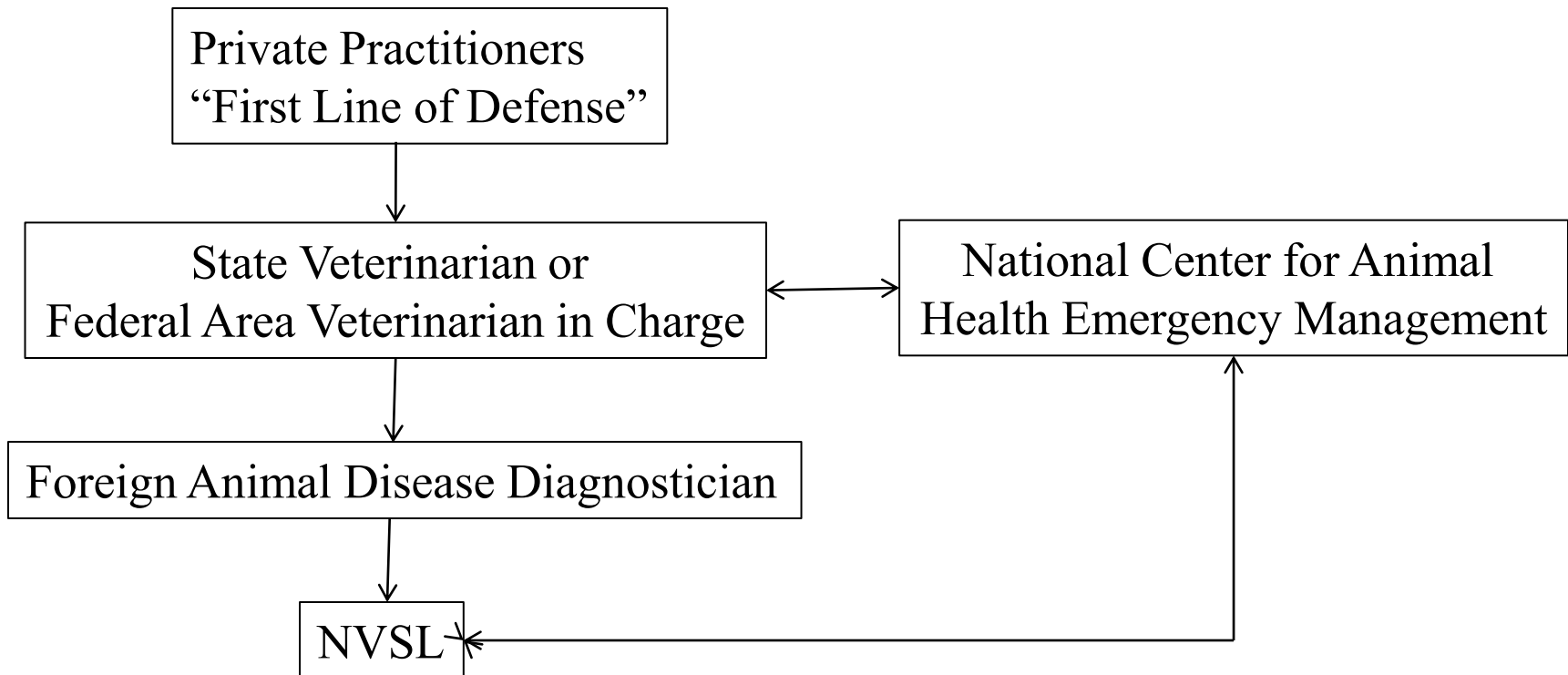
- National Response Framework (NRF)
- Interagency Cooperation
- Trained personnel
- Diagnostic Laboratories
 - National Veterinary Services Laboratories (NVSL)
 - Foreign Animal Disease Diagnostic Center (FADDL)
 - National Animal Health Laboratory Network (NAHLN)
- National Veterinary Stockpile (NVS)
- National Animal Health Emergency Response Corps
- Import Centers

Preventing Entry of Foreign Animal Disease (FAD) into the US

1. Detect FAD before it enters the US
2. Quarantine and test animals upon arrival in the United States
3. Border controls

Diagnosis

Recognizing and Reporting a Foreign Animal Disease



Response

When a Foreign Animal Disease is diagnosed

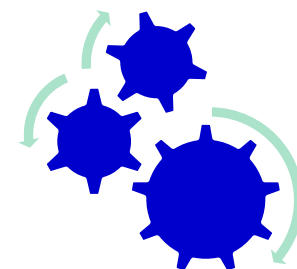
- Inform Stakeholders
- Consult with Trading Partners
- Eradication Process
 - Contain
 - Control
 - Eradicate



Response (continued)

Critical Activities and Tools for Containing, Controlling, and Eradicating a FAD

- Rapid diagnosis and reporting
- Epidemiological investigation and tracing
- Increased surveillance
- Swift imposition of effective quarantine and movement controls
- Continuity of business measures for non-infected premises and non-contaminated animal products
- Biosecurity measures
- Cleaning and disinfection measures
- Effective and appropriate disposal procedures
- Mass depopulation and euthanasia (as the response strategy indicates)
- Emergency vaccination (as the response strategy indicates).



Response (continued)

When Foreign Animal Disease is diagnosed

- Recovery (USDA functions)
 - Indemnities
 - Removal of trade restrictions

Challenges of a FAD Outbreak

- Trade disruptions
 - International and national
 - Collateral markets impacted
- Stakeholder impacts
 - Emotional and economic loss
- Public fears
 - Commodity prices drop
- Strained State and Federal resources
- Environmental protection
- Length of recovery depends on extent of outbreak

Questions?

