

Responding to a Foot-and-Mouth Disease Outbreak

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FMD Response Goals

1. Detect, control, and contain FMD in animals as quickly as possible.
2. Eradicate FMD using strategies that seek to stabilize animal agriculture, the food supply, the economy, and protect public health.
3. Provide science-and risk-based approaches and systems to facilitate continuity of business for non-infected animals and non-contaminated animal products.

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FMD Response Strategy

- There are four possible strategies for the control and eradication of FMD in domestic livestock:
 1. Stamping-out
 2. Stamping-out policy modified with emergency vaccination to slaughter
 3. Stamping-out policy modified with emergency vaccination to live
 4. Vaccination to live policy without stamping out
- In addition to any of the strategies listed, a coordinated public awareness campaign will occur to support the response strategy.

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FMD Response Strategy

Control and Eradication Strategy

- Four potential strategies
- Factors including:
 - Spread and distribution of outbreak
 - Desired FMD-status after an outbreak
 - Resources, including for surveillance and diagnostics
 - Movement of animals and fomites

Coordinated Public Awareness Campaign

- Occurs in conjunction with response
- Engages and leverages State-Federal-Tribal-stakeholder relationships to provide unified public messages for local, national & international audiences
- Addresses the issues & concerns relating to food safety, public health, and animal welfare

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Critical Activities

•Initiate controlled movement orders and 24-hour standstill orders for relevant zones and regions

- Notify States, industry, trading partners, media
- Initiate biosecurity measures
- Initiate tracing activities
- Initiate virus identification for vaccine

•Ongoing surveillance and tracing activities

- Initiate public awareness campaign
- Increased biosecurity measures
- Initiate continuity of business plans
- Continue virus identification for vaccine

•Continue ramping up ICS and Operations Center

- Ongoing surveillance and tracing activities
- Ongoing biosecurity activities
- Ongoing public awareness campaign
- Continue virus identification for vaccine

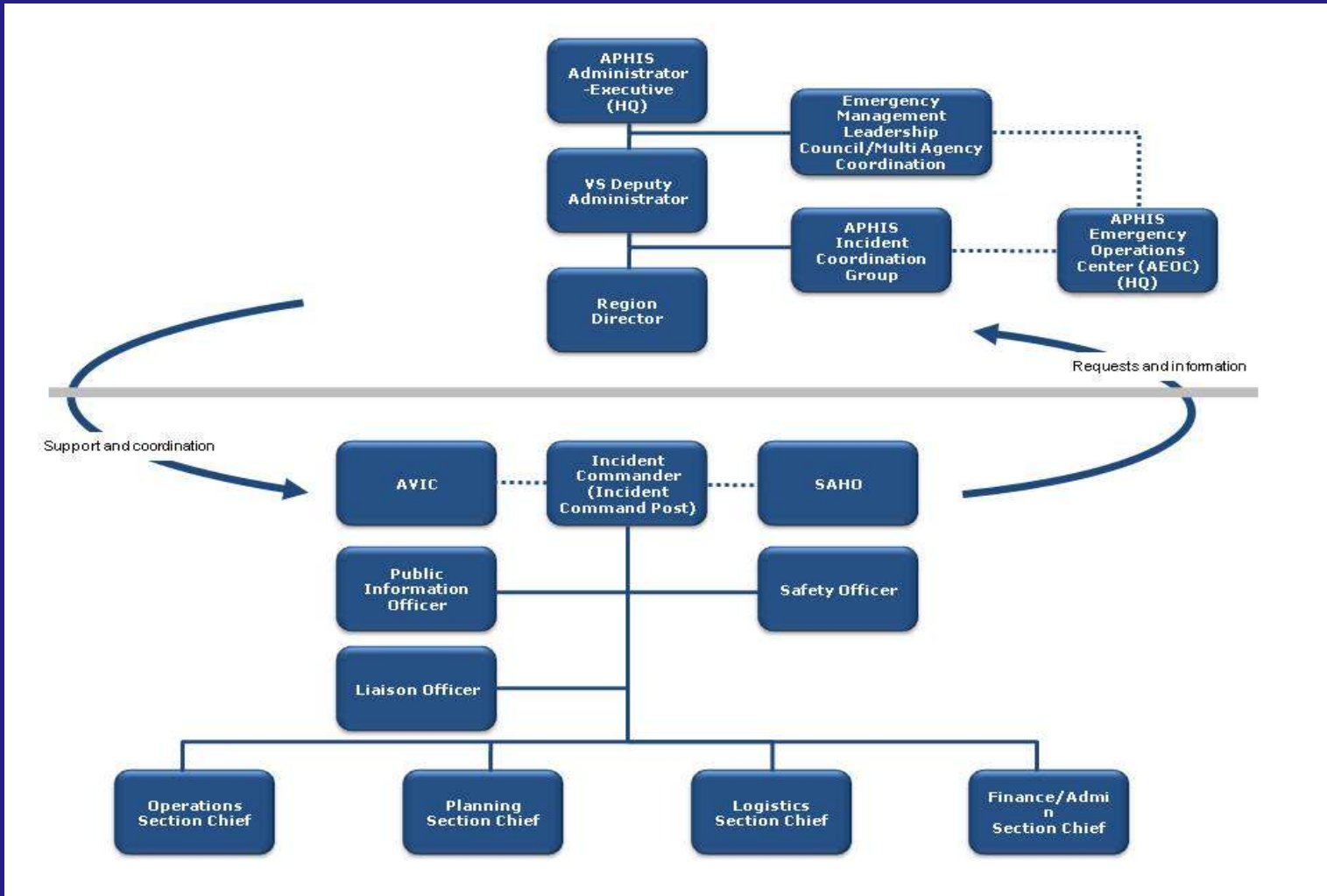
0-24 HOURS

24-48 HOURS

48-72 HOURS

FMD Detected
in the
United States

ICS



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National Level Response Activities

- CVO to CVO Canada and Mexico notification
- OIE Notification
- Inter-agency Notification
- Trading Partner Notifications
- Establish Multi-agency Coordination Group

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Regional and Field Level Response Activities

- Establish Unified Command Incident Command
- Deploy state or federal Incident Management Team
- Activate ROSS and regional dispatch center
- Request Counter Measures from the National Veterinary Stockpile
- Initiate stop movement order for susceptible livestock
- Initiate FMD instance in EMRS
- Initiate trace out investigations from infected herd/premises
- Establish Local/State/Federal communication plan

Movement Control

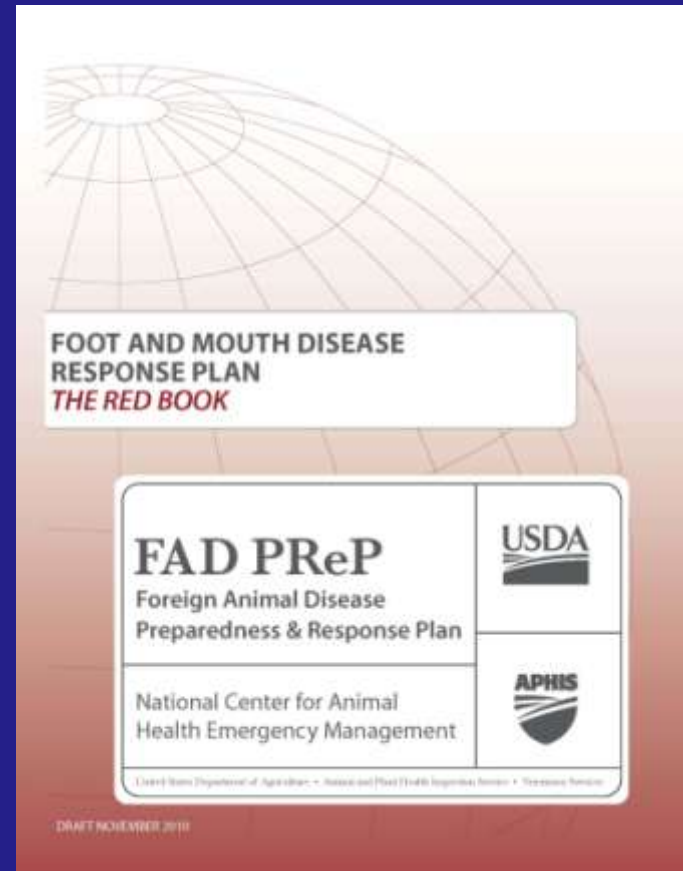


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FMD Response Plan

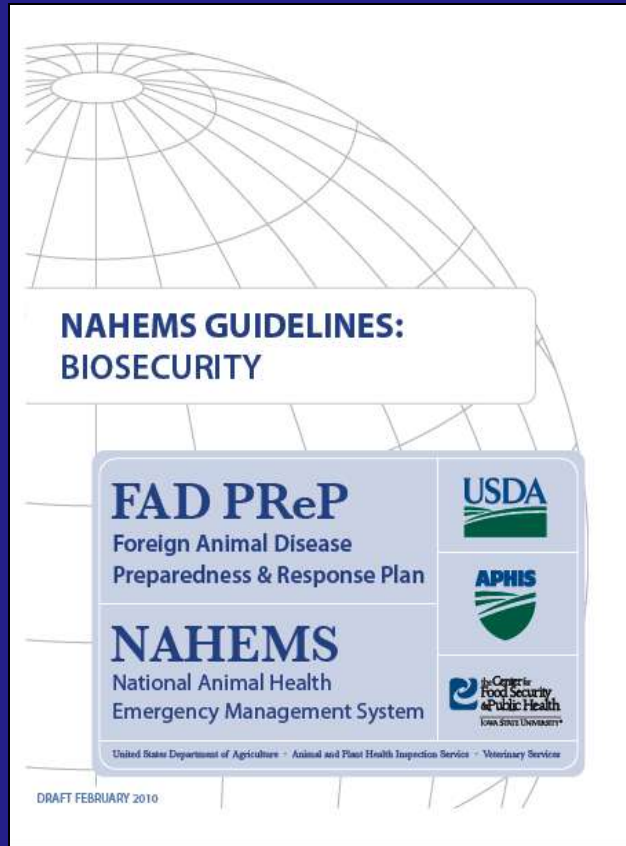
FMD Response Plan – The Redbook

- FMD response goals, strategies, and critical activities
- Supported by separate Standard Operating Procedures templates for critical activities



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Supporting FAD PReP Materials



NAHEMS Guidelines

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

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Supporting FAD PReP Materials

Secure Milk Supply Plan
Under Development



- Public – Private - Academic Partnership
- Avoid-mitigate interruptions in raw milk movement from dairy farms (with no evidence of infection) in an FMD Control Area to commercial processing
- Provide a continuous supply of wholesome milk and milk products to consumers
- Maintain business continuity for dairy producers, haulers, and processors through response planning

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Questions?

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