United States Animal Health Association
Committee on Animal Emergency Management

USDA/APHIS/VS Emergency Management & Diagnostics Update

José R. Díez
Associate Deputy Administrator
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
October 1, 2011

Safeguarding Animal Health
Emergency Management and Diagnostics

- National Veterinary Services Laboratories (NVSL)
- Center for Veterinary Biologics (CVB)
- National Center for Animal Health Emergency Management (NCAHEM)
  - NCAHEM-Preparedness and Incident Coordination
  - NCAHEM-Interagency Coordination
  - NCAHEM-National Veterinary Stockpile

Safeguarding Animal Health
NCAHEM-Preparedness and Incident Coordination (PIC)

FAD PReP - raise awareness, define expectations, and improve capabilities for FAD preparedness and response
Foreign Animal Disease Preparedness and Response (FAD PReP)

https://fadprep.lmi.org

Safeguarding Animal Health
NCAHEM-Preparedness and Incident Coordination (PIC)

FAD PReP Materials

• Response Plans
  o HPAI and FMD Red Books

• National Animal Health Emergency Management System (NAHEMS) Guidelines
  o Surveillance, Epidemiology and Tracing; FMD Vaccines; Mass Depopulation; Industry Manuals - Beef Feedlot, Swine, Dairy

• Ready Reference Guides
  o Control Areas; Movement Control; FMD Response Strategies

• Standard Operating Procedures (SOPs) – templates and guidelines
  o Epidemiological Investigation and Tracing

Safeguarding Animal Health
NCAHEM-Preparedness and Incident Coordination (PIC)

FAD PReP – Other Collaborations

• Continuity of Business - management of non-infected premises and non-contaminated animal products in FAD regulatory control areas

  Secure Egg Supply http://secureeggsupply.com/
  Secure Milk Supply http://securemilksupply.org/

• Preparedness and Response Tools

  California Department of Food and Agriculture (CDFA) – CAHEMS Tool
  Texas A&M FAZD Center – ERSS Tool

Safeguarding Animal Health
NCAHEM-Preparedness and Incident Coordination (PIC) National Animal Health Emergency Response Corps (NAHERC)

- 1,640 qualified members enrolled
  - 678 veterinarians
  - 962 animal health technicians
  - An increase of 424 members from the previous year
- Training modules hosted by Iowa State University
  - [https://naherc.sws.iastate.edu](https://naherc.sws.iastate.edu)
- Current training modules:
  - Introduction to NAHERC
  - Biosecurity
  - C&D
  - PPE
  - Exotic Avian Diseases
  - Health and Safety
  - Vesicular Diseases

Safeguarding Animal Health
NCAHEM-Interagency Coordination (IC)

- Participates in the Development of Radiological Animal Health Response Strategies in the U.S.
- Provides Information to the Intelligence Community
- Participated in the Development of the Food Related Emergency Exercise Boxed (FREE-B)
  - [www.FDA.gov/FoodDefense](http://www.FDA.gov/FoodDefense)
- Best Practices for Disposal Training Video
- Works on Cross Border Collaboration Issues
- Represents Animal Health in many National Interagency Working Groups

Safeguarding Animal Health
NCAHEM-Interagency Coordination (IC)

Safeguarding Animal Health

Slide represents all NCAHEM units
NCAHEM- 3-D

- **Depopulation**
  - Validation of portable captive-bolt technology for cattle
  - Development of on-farm CO\(_2\) depopulation of swine
  - Enhancement of foam technology to address cage reared poultry and addition of disinfectant capacity

- **Disposal**
  - Evaluating pathogen containment in the rendering process
  - Logistical infrastructure (identification & mapping of disposal capacity)

- **Disinfection**
  - Research with EPA and ARS
National Veterinary Stockpile (NVS)

Safeguarding Animal Health
Questions?

Safeguarding Animal Health