Agriculture Response Management and Resources (ARMAR) FMD Exercise, May 8-10, 2018

The Center for Food Security and Public Health (CFSPH), through a cooperative agreement with USDA APHIS, provided personnel support during this 3-day exercise.

- 6 states (CA, CO, MN, MT, SD, WI) participated in a Functional Exercise (real play) for the first 3 days of a hypothetical FMD outbreak; 6 states (KY, MI, NE, ND, OK, TX) participated in a one or two-day tabletop
- Goal: Focus on predetermined objectives involved in an FMD response to test capabilities at the state and federal level
  - Objectives related to: communication; requesting/deploying scarce resources; process of resource ordering, deployment and tracking; information management; identification of possible resource and policy gaps and consideration of options outside of the written plans
- Exercise funded by the USDA Training and Exercise Program and each State government that participated
- Over 350 people involved, majority with state governments, remainder from USDA
  - USDA players included Dr. Jack Shere as Chief Veterinary Officer, Dr. Brian McCluskey as the Incident Commander and Dr. Jon Zack as the Deputy Incident Commander. Other USDA APHIS personnel participated in Riverdale, MD, Fort Collins, CO, and on location with the Functional Exercise States
  - Guest observers (CFIA included) in Riverdale, MD
- States conducted FADD investigations, hypothetically submitted samples, working with NAHLN labs and FADDL; genomic sequencing started upon first confirmed positive for vaccination type matching
- Daily update calls with the NASAHO; infected states had calls with USDA National Incident Coordination
- USDA activated the Incident Coordination Group and the APHIS Multi-Agency Coordination Group; these are expert level resources across APHIS and other agencies (FSIS, Wildlife Services, Animal Care, including the Zoo group)
- Media was involved hypothetically using a Simulation Deck for social media interactions at the State and Federal levels; allowed the communication/messages to be used
- After Action Report is in process (estimated release = August 2018)
Secure Beef Supply Plan [www.securebeef.org](www.securebeef.org)

The Secure Beef Supply (SBS) Plan provides a business continuity plan for beef premises with no evidence of FMD infection located in a regulatory Control Area and allied industries that is credible to Responsible Regulatory Officials. The SBS Plan provides guidance to producers to voluntarily prepare before a foot and mouth disease (FMD) outbreak to meet movement requirements once livestock are allowed to move. The SBS Plan is funded by USDA APHIS Cattle Health Program to the CFSPH at Iowa State University and partners at Kansas State University. Many resources exist and more are in development. Notable resources:

2. **Secure Beef Supply Plan Overview video** (7 minutes): [https://youtu.be/oqYYgMhIDfg](https://youtu.be/oqYYgMhIDfg)
3. **Foot and Mouth Disease Overview video** (7 minutes): [https://youtu.be/rKcDySABYhc](https://youtu.be/rKcDySABYhc)
4. **FMD Vaccination: What Livestock Producers Need to Know** (8 minutes): [https://www.youtube.com/watch?v=MKf-aMgb-y0](https://www.youtube.com/watch?v=MKf-aMgb-y0)

Secure Milk and Secure Pork Supply Plans

Likewise, there are similar resources for dairy producers at [www.securemilk.org](www.securemilk.org) and swine producers at [www.securepork.org](www.securepork.org). USDA funded the development of both of these Secure Food Supply Plans through 2017. The National Pork Board contributed funds to the development of the Secure Pork Supply Plan and is currently funding its implementation. The Secure Pork Supply Plan also contains resources for Classical Swine Fever and African Swine Fever.

Secure Poultry Supply Plans

For HPAI preparedness and response, the University of Minnesota has created **permit guidance** based on pro-active risk assessments for egg, turkey, and broiler chicken producers available at: [https://securepoultrysupply.umn.edu/](https://securepoultrysupply.umn.edu/).

The CFSPH at Iowa State University is updating the Secure Poultry Supply **biosecurity guidance** based on the adoption of the National Poultry Improvement Plan (NPIP) Standard E – Biosecurity Principles. When complete, the resources will be available in English and Spanish at: [www.poultrybiosecurity.org](www.poultrybiosecurity.org)