



VS National Training and Exercise Program Resource Guide

November 20, 2019



VS NATIONAL TRAINING AND EXERCISE PROGRAM

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Purpose

This Veterinary Services (VS) National Training and Exercise Program (NTEP) Resource Guide is designed to support VS and external emergency response partners in identifying helpful resources for animal health-related response preparedness. This guide is intended to provide the user with a list of available VS NTEP preparedness materials for stakeholder use. It also provides links and contact information to useful federal, state, academia, and trade resources.

VS NTEP Co-Leads

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Available VS NTEP Exercise Materials

Exercises developed by the VS NTEP are available for stakeholder use. Exercise materials are generic, allowing stakeholders to modify documents with little effort in order to conduct an exercise in their state or VS District. Each generic exercise package comes complete with all the materials needed to conduct the exercise. In the case of exercise materials developed as part of the Emergency Coordinator-Driven Drill Initiative, exercise materials have not been made generic and are sample materials used in the exercise.

To request exercise materials, please contact Mr. Bryan Deimeke,
bdeimeke@ses-corp.com.

Agriculture Resource Management and Response (ARMAR) Tabletop Exercise

This exercise is designed to introduce an escalating outbreak of foot and mouth disease in the United States. The exercise is designed to drive play to include resource management and Incident Command at the county, state, and federal levels.

This tabletop exercise could engage just the state lead agency, or could include state supporting agencies, local jurisdictions, and affected industries.

Included in this exercise package are:

- Generic Facilitator Slides
- Generic Facilitator Guide
- Generic Situation Manual



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Backyard Poultry Depopulation Drill

The exercise is designed to respond to a report of HPAI in a backyard poultry flock. The exercise is designed to test the setup of a Unified Command, mobilization of resources, methods of poultry depopulation, and biosecurity and entry/exit procedures. This exercise was developed as part of the Emergency Coordinator-Driven Exercise Initiative.

This exercise could engage just the state lead agency, or could include state supporting agencies, local jurisdictions, and affected industries.

Included in this exercise package are:

- Sample Exercise Plan
- Sample Agenda
- Planning Cycle Presentation
- Sample Exercise Evaluation Guide
- Sample After-Action Report

Poultry Foam Depopulation Drill

This drill, designed for three days at a commercial poultry farm, is limited to training National Veterinary Stockpile contractors to handle, pen, and foam depopulate infected poultry while maintaining appropriate personal and premise biosecurity practices. This exercise was developed as part of the Emergency Coordinator-Driven Exercise Initiative.

Included in this exercise package are:

- Sample Exercise Plan
- Sample Exercise Evaluation Guides
- Sample After-Action Report

Heartwater Tabletop Exercise

The exercise is designed to introduce an escalating outbreak of Heartwater in the United States. The exercise is designed to drive play to include resource management and incident command. It was developed as part of the Emergency Coordinator-Driven Exercise Initiative.

This tabletop exercise could engage just the state lead agency, or could include state supporting agencies, local jurisdictions, and affected industries.

Included in this exercise package are:

- Sample Situation Manual
- Sample Heartwater presentations
- Sample Participant Feedback Form
- Sample After-Action Report and Improvement Plan

EMRS Drills

The Emergency Management Response System (EMRS) drill materials are designed to allow the user to independently practice using EMRS. To use the EMRS drill materials, you must have an active user account in EMRS. Microsoft Internet Explorer is the recommended browser.



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Available EMRS Drills include:

- FAD Investigations
- Views and Charts
- Routine Property and Fleet
- Situation Report and Pivot Tables
- Basic Mapping
- Views and Charts – Inspection Tasks.

To access drill materials, login to EMRS: <https://emrs2.aphis.usda.gov>; drill materials are located in EMRS2 Home > Training Materials > EMRS Drills.

If you have questions as you complete a drill, contact an EMRS Network Associate for assistance. Contact information for EMRS Network Associates can be found on the Home Page of EMRS, and on the APHIS website:

https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management/sa_emrs/ct_emrs.

Screwworm Tabletop Exercise

This exercise is designed to test a state's plan for mitigating and responding to a New World Screwworm infestation. The exercise is designed to drive play addressing key areas of a state's response to an infestation of NWS. The exercise play will engage key stakeholders in the response, including regulatory agencies, industry stakeholders, and diagnostic laboratories. By participating in this exercise, a state will be able to validate its existing plan and/or identify areas for improvement and planning gaps.

Included in this exercise package are:

- Generic Situation Manual
- Generic Facilitator Guide
- Generic Facilitator Slides
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Forms

Foot and Mouth Disease Vaccination Planning Workshop

This workshop is designed to provide an opportunity for a state and its supporting entities to discuss aspects of FMD vaccination ranging from requesting vaccine, all the way to delivery, animal side. The product of this workshop is either the revision of an existing vaccination plan or the creation of a plan.

A general FMD outbreak scenario is provided to set the stage for planning-level discussions in a sequential order, starting with the initial outbreak and vaccine request all the way through vaccine delivery to susceptible animals. Since the discussions are intended to drive plan development, they address both policy-level and procedural issues applicable to each stage of the workshop.

Included in this exercise package are:



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- Generic Facilitator Guide
- Generic Vaccination Workshop Presentation
- Generic Sign-in Sheet
- Generic Participant Feedback Form
- State Vaccination Plan Template

Standstill Planning Workshop and Tabletop Exercises

Standstill Planning Workshop

The workshop is designed to develop or refine the state’s plan for implementation of a temporary animal movement standstill. The workshop is designed to engage stakeholders in the planning process and to identify actions and resources needed to implement a temporary movement standstill. The need to implement a temporary movement standstill may be the result of a request from USDA or it may be based on an internal risk assessment conducted by the state animal health official. By participating in this workshop, a state will be able to draft a movement standstill plan or validate its existing plan and/or identify areas for improvement and planning gaps.

Included in this exercise package are:

- Generic Facilitator Guide
- Generic Standstill Planning Workshop Presentation
- Generic Sign-in Sheet
- Generic Participant Feedback Form
- Standstill Plan Guidance Document

Standstill Tabletop Exercise

This exercise is designed to test a state’s plan to support a request from USDA for a national standstill. The exercise is designed to drive play addressing key areas of a state’s response to an FMD outbreak. The exercise play will engage key stakeholders in the response, including regulatory agencies, industry stakeholders, and law enforcement officials. By participating in this exercise, a state will be able to validate its existing plan and/or identify areas for improvement and planning gaps.

Included in this exercise package are:

- Generic Situation Manual
- Generic Facilitator Guide
- Generic Standstill Tabletop Exercise Presentation
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form

Requesting a VS NIMT and Transfer of Command Tabletop Exercise

This exercise targets both states and VS districts. Players will be divided into two functional groups: state and federal. Exercise play will occur in two modules, one focusing on the



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mechanics of requesting all or part of a VS Incident Management Team in response to a foreign animal disease outbreak, and one focusing on the subsequent transfer of command and Incident Command staff transitioning associated with various stages of a response.

Included in this exercise package are:

- Generic Situation Manual
- Generic Facilitator Guide
- Generic Staff Handbook
- Generic Staff Orientation Presentation
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form

State-VS Incident Command and Resource Management Tabletop Exercise

Exercise play will focus on a response to a foreign animal disease (FAD) outbreak and the associated resource management and IC issues that would be created.

Included in this exercise package are:

- Generic Situation Manual
- Generic Facilitator Guide
- Generic Staff Handbook
- Generic Exercise Staff Orientation Presentation
- Generic Exercise Presentation
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form

Unified Command Tabletop Exercise

Exercise play will engage a single functional group that includes both state and federal representatives. Exercise play occurs in a single module, “Establishing a Unified Command.” This module consists of four distinct scenarios, each presenting a more complex response, presenting more complex Incident Command and staffing issues. The scenarios address a response to a foreign animal disease FAD outbreak.

Included in this exercise package are:

- Generic Situation Manual
- Generic Facilitator Guide
- Generic Staff Handbook
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form



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Foreign Animal Disease Diagnostician Drills (on-site and virtual)

There are multiple options for the drills in this series: bovine (feedlot, cow-calf, or dairy), swine (sow farm, nursery, or finisher), small ruminant, and livestock market. Each of these options can be implemented as an on-site drill, any of the drills can be adapted for virtual play, if requested. The virtual drill is based on mock data and involves a simulated investigation conducted over the BlueJeans video conferencing platform. The on-site drill involves an actual field investigation, animal handling, and sampling, and it is supplemented with mock data. For the on-site drill option, a foreign animal disease diagnostician will be assigned a host producer/owner. The host will have agreed to interact with the foreign animal disease diagnostician and allow site access, animal handling, and sample collection.

Each drill type – virtual and on-site – is composed of three Modules. Module 1 is the field investigation. Module 2 involves sampling (collection/documentation/packaging). Module 3 deals with Emergency Management Response System data input. These three Modules should be able to be completed in a single workday.

The drill is intended to be conducted by an individual foreign animal disease diagnostician. There will be no on-scene Facilitator or Evaluator. Exercise Evaluation will be conducted by a second or third party, through the examination of investigation notes, sample documentation and packaging, and Emergency Management Response System data. In addition, the producer will complete a feedback survey evaluating aspects of their interactions with the foreign animal disease diagnostician. Upon completion of these reviews, the Evaluator(s) will provide the foreign animal disease diagnostician either written or oral feedback.

To participate in one of these drill types, a foreign animal disease diagnostician must complete the VS National Training and Exercise Program application form and have it approved by their supervisor. The completed form should be forwarded to the VS National Training and Exercise Program for review and identification of a host producer and associated drill Evaluators.

African Swine Fever Planning Exercise

This exercise is designed to allow State Departments of Agriculture, Boards of Animal Health, the Veterinary Services, and industry stakeholders to assess the applicability of existing foreign animal disease response plans, relative to mitigation and response activities associated with an African Swine Fever outbreak. Through the course of this exercise, mitigation and response planning gaps and plan areas needing revision will be identified.

This play may engage the state lead agency, state supporting agencies, local jurisdictions, federal agencies, and affected industries.

There is no formal evaluation of this exercise; however, the exercise will result in the review and updating of existing foreign animal disease response plans. This plan review and revision will constitute the “deliverable” or after-action report for this exercise.

Included in this exercise package are:

- Generic Situation Manual
- Generic Facilitator Guide
- Generic Workshop Presentation



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- Generic Exercise Agenda
- Generic Sign-in Sheet

African Swine Fever Tabletop Exercise

This exercise is designed to allow State Departments of Agriculture, Boards of Animal Health, VS, and industry stakeholders to validate existing foreign animal disease response plans, relative to mitigation and response activities associated with an African Swine Fever outbreak. Through the course of this exercise, mitigation and response gaps and areas needing revision will be identified. This will allow the foreign animal disease plans to be revised.

This play should engage the state lead agency for a FAD response, state supporting agencies, local jurisdictions, federal agencies, and affected industries.

Included in this exercise package are:

- Generic Exercise Situation Manual
- Generic Facilitator Guide
- Generic Exercise Presentation
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form

Secure Food Supply Tabletop Exercises

Secure Milk Supply Plan Tabletop Exercise

The exercise is designed to test the state's plan for implementation of the SMS process, both pre-outbreak and during an outbreak. The exercise is designed to drive play to include pre-event industry engagement, permitting, working with industry during an outbreak, and coordinating with other states to accept permits. By participating in this exercise, the state will be able to validate its existing plan and/or identify areas for improvement and planning gaps.

Included in this exercise package are:

- Generic Exercise Situation Manual
- Generic Facilitator Guide
- Generic Exercise Presentation
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form

Secure Pork Supply Plan Tabletop Exercise

The exercise is designed to test the state's readiness for implementation of its SPS plan, both pre-outbreak and during an outbreak of a foreign animal disease. The exercise is designed to drive play to include pre-event pork-industry engagement and planning; and outbreak-related movement permitting, state-industry coordination, and coordination with destination states to accept movement permits. By participating in this exercise, the state will be able to validate its existing plan and/or identify areas for improvement and planning gaps.



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Included in this exercise package are:

- Generic Exercise Situation Manual
- Generic Facilitator Guide
- Generic Exercise Presentation
- Generic Sign-in Sheet
- Generic Exercise Evaluation Guides
- Generic Participant Feedback Form

Webinars

The following webinars are available for viewing at <https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/training-and-development/video-gallery>. Webinars are posted to the webpage about one week following the recording of the webinar. Please check the website often to see if new materials have been posted.

Title	Date	Length
National Training and Exercise Program	1/15/16	Run-time: 38:21
Update on the Secure Food Supply Plans	7/12/16	Run-time: 58:33
Secure Poultry Supply Plan	9/8/16	Run-time: 38:12
Secure Milk Supply Plan	10/25/16	Run-time: 53:42
Secure Beef Supply Plan	11/17/16	Run-time: 51:25
Secure Pork Supply Plan	12/13/16	Run-time: 46:53
EMRS Permitting using the EMRS Gateway	1/24/17	Run-time: 1:08:21
Veterinary Services Training and Exercise Plan	2/16/17	Run-time: 38:21
Florida New World Screwworm Incident	2/23/17	Run-time: 1:10:30
Train to Contain	3/7/17	Run-time: 40:49
FAD Drill Overview	4/18/17	Run-time: 59:16
What is FAD EYE?	5/23/17	Run-time: 28:56
Implementing Enhanced Biosecurity during a FAD Outbreak	6/6/17	Run-time: 1:07:19
National Veterinary Stockpile Overview	6/21/17	Run-time: 57:15
EMRS 2 Go Mobile Application Software	8/10/17	Run-time: 1:04:23
Foreign Animal Diseases 101	8/24/17	Run-time: 55:02
Enhanced Biosecurity in Confined Poultry	9/19/17	Run-time: 57:11
NVS Development of CO2 Whole House Gassing for Emergency Depopulation of Poultry	10/3/17	Run-time: 1:06:21
Foreign Animal Disease Diagnostician Continuing Education Opportunities	10/26/17	Run-time: 28:10
Overview of the Dairy Industry	11/2/17	Run-time: 1:11:55



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Title	Date	Length
How California is Implementing the Secure Food Supply Program	11/14/17	Run-time: 57:08
Emergency Management Response System Permitting During a Foreign Animal Disease Response	1/4/18	Run-time: 57:25
USDA APHIS Carcass Management Discussion Group for State Agricultural and Environmental Officials	1/23/18	Run-time: 50:08
Roles of the Case and Site Manager and Field Reimbursement Specialist during an ADR Incident	1/30/18	Run-time: 58:07
Niche Stakeholder Working Group	3/13/18	Run-time: 37:25
Carcass Management Basics	3/13/18	Run-time: 56:58
Overview of the Incident Command System Planning Cycle Part 1	3/15/18	Run-time: 47:54
NVS Countermeasures Resource Ordering	4/5/18	Run-time: 53:47
Agriculture Resource Management and Response Exercise Review	4/5/18	Run-time: 36:09
Supplemental Cooperative Agreements and Other Finance Issues Associated with a FAD Response	4/24/18	Run-time: 1:01:52
Overview of the Incident Command System Planning Cycle Part 2	5/1/18	Run-time: 59:42
Overview of the Incident Command System Planning Cycle Part 3	5/2/18	Run-time: 55:00
Resource Ordering II – Personnel and Vaccine	5/3/18	Run-time: 49:03
Heartwater Disease Overview, Etiology and Ecology	5/22/18	Run-time: 1:11:57
Overview of the Swine Industry	6/14/18	Run-time: 1:05:33
Strengthening Collaborations for State and Federal One Health Approaches to Avian Influenza	7/11/18	Run-time: 58:56
African Swine Fever (ASF): Clinical Presentation and Diagnosis	10/11/18	Run-time: 59:20
Operationalizing the Secure Milk Supply Plan: A State's Perspective	10/18/18	Run-time: 1:05:46
Phases and Types of an African Swine Fever Outbreak in the US	11/26/18	Run-time: 54:58
African Swine Fever (ASF): Biosecurity	12/18/18	Run-time: 55:19
Operationalizing the Secure Beef Supply Plan: State's Perspective	2/12/19	Run-time: 57:08
Global African Swine Fever Situation	3/4/19	Run-time: 1:17:44
Standstill	3/15/19	Run-time: 1:17:48



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Title	Date	Length
African Swine Fever Communications and Messaging	3/22/19	Run-time: 53:45
Complexity Analysis and Risk Assessment Tools	4/4/19	Run-time: 48:34
Secure Pork Supply: How it fits into an African Swine Fever Response	4/24/19	Run-time: 34:05
OIE Global Review of National Contingency Plans	4/25/19	Run-time: 30:23
New World Screwworm	5/2/2019	Run-time: 1:12:02
The Human Dimensions of the FMD Outbreak in Cumbria in the UK	6/18/2019	Run-time: 50:03
African Swine Fever 3D Considerations	8/6/2019	Run-time: 1:15:06
African Swine Fever Herd Plan	8/8/2019	Run-time: 48:44
EMRS Permitting Gateway	8/20/2019	Run-time: 40:48
African Swine Fever Situation and Critical Biosecurity	8/29/2019	Run-time: 1:07:21

Federal Resources

Centers for Disease Control and Prevention (CDC) Emergency Partners Information Connection (EPIC)

<https://emergency.cdc.gov/epic/index.asp>

CDC Emergency Planners and Responders

<https://emergency.cdc.gov/planners-responders.asp>

CDC Emergency Preparedness and Response

<https://emergency.cdc.gov/>

CDC Healthy People, Healthy Pets

<https://www.cdc.gov/healthypets/>

CDC One Health

<https://www.cdc.gov/onehealth/>

CDC One Health in Action

<https://www.cdc.gov/onehealth/in-action/index.html>

CDC *Solve the Outbreak* Game

<https://www.cdc.gov/mobile/applications/sto/sto-web.html>

Department of Homeland Security Center for Domestic Preparedness

<https://cdp.dhs.gov/>

Emergency Management Response System (EMRS) Production Website

<https://emrs2.aphis.usda.gov>



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EMRS Training Website

<https://emrs2t.aphis.usda.gov>

Federal Emergency Management Agency Emergency Management Institute

<https://training.fema.gov/emi.aspx>

Foreign Animal Disease Diagnostician Continuing Education Program

<http://www.usdatraining.com/>

Foreign Animal Disease (FAD) Eye SharePoint Site

<https://share.aphis.usda.gov/sites/vs-fadeye/VSTEP/SitePages/Home.aspx>

FAD Preparedness and Response Plan (PREP)

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management/fad-prep/index>

National Animal Health Emergency Management System (NAHEMS)

https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management/ct_nahems_em_guidelines

National Animal Health Laboratory Network

https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/lab-info-services/nahln/ct_national_animal_health_laboratory_network

National Veterinary Services Laboratories

https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/lab-info-services/sa_about_nvsl/ct_about_nvsl

National Veterinary Stockpile (NVS)

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management/nvs>

United States Department of Agriculture

<https://www.usda.gov>

United States Forest Service Training

<https://www.fs.fed.us/managing-land/fire/training>

USDA Animal and Plant Health Inspection Service (APHIS)

<https://www.aphis.usda.gov>

USDA APHIS Animal Care

<https://www.aphis.usda.gov/aphis/ourfocus/animalwelfare/usda-animal-care-overview>

USDA APHIS Emergency Management, Safety, and Security Division (EMSSD)

https://www.aphis.usda.gov/aphis/ourfocus/business-services/emergency_management



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USDA APHIS Legislative and Public Affairs (LPA)

https://www.aphis.usda.gov/aphis/banner/contactus/sa_aphis_contacts/contact_lpa

USDA APHIS Plant Protection and Quarantine (PPQ)

<https://www.aphis.usda.gov/aphis/ourfocus/planthealth>

USDA APHIS Veterinary Services (VS)

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth>

USDA APHIS VS Carcass Management – Planning and Training

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management/carcass-management/carcass-planning-training/carcass-disposal-planning-training>

USDA APHIS VS National Preparedness and Incident Coordination Center (NPIC)

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management>

USDA APHIS VS National Training and Exercise Program (NTEP)

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/training-and-development/video-gallery>

USDA APHIS VS One Health

https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/SA_One_Health

USDA APHIS VS Professional Development Staff (PDS)

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/training-and-development>

USDA APHIS VS Program Samples Shipping Course

<http://www.usdatraining.com/>

USDA APHIS Wildlife Services

https://www.aphis.usda.gov/aphis/ourfocus/wildlifedamage/SA_Program_Overview

Zoonoses & One Health Updates (ZOHU) Calls

<https://www.cdc.gov/onehealth/zohu/index.html>

State, Academic, and Trade Association Resources

California Department of Food and Agriculture (CDFA)

www.cdfa.ca.gov

Extension Disaster Education Network

<http://www.eden.lsu.edu>

Iowa State University Center for Food Security and Public Health (CFSPH)

<http://www.cfsph.iastate.edu/>



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Kansas State University Biosecurity Research Institute
<http://www.bri.k-state.edu/>

Kansas State University National Agricultural Biosecurity Center
<http://www.k-state.edu/nabc/>

Louisiana State University National Center for Biomedical Research and Training
<https://www.ncbrt.lsu.edu/>

Multi-State Partnership for Security in Agriculture (MSPSA)
Mr. Mike Starkey: michael.starkey@state.mn.us

National Assembly of State Animal Health Officials (NASAHO)
<https://www.usaha.org/federal-and-state-animal-health>

National Cattlemen's Beef Association
<http://www.beefusa.org/>

National Chicken Council
<http://www.nationalchickencouncil.org/>

National Pork Board
<http://www.pork.org/>

North American Renderers Association
<https://nara.org/>

National Turkey Federation
<http://www.eatturkey.com/>

New England States Animal Agricultural Security Alliance (NESAASA)
Ms. Carrie Sexton: carry.shulock-sexton@state.ma.us

North Carolina Department of Agriculture and Consumer Services Mass Depopulation Planning Tools
<http://www.ncagr.gov/oep/MassDepop.htm>

Southern Agriculture & Animal Disaster Response Alliance (SAADRA)
Dr. Kathryn MacDonald: Kathryn.MacDonald@vdacs.virginia.gov

State and Territory Emergency Management Agencies
<https://www.fema.gov/emergency-management-agencies>

United Egg Producers
<http://www.unitedegg.org/>