

National Veterinary Stockpile Preparedness

USAHA/AAVLD Joint Meeting
Committee on Animal Emergency Management
National Assembly of State Animal Health Officials
October 10, 2009

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USDA APHIS Veterinary Services



Objectives

- Review new NVS countermeasures
- Describe future NVS capabilities
- Describe available NVS planning tools
- Report status of State/Tribe/US Territory NVS preparedness

New Deployable Countermeasures



Kifco Avi-Foam Guard

- Reconfigured 24-Hour Push Packs
- Staged Kifco and NC nozzle poultry depopulation foaming units
- Staged CO2 carts
- Enhanced 3D commercial services
- Added distribution centers to reduce deployment time

24-hour Push Package

Composition depends on type of outbreak and number of responders:

- **Disease** – to determine type and level of Personal Protective Equipment
- **Species** – to determine the type of animal handling equipment
- **Animal Populations** – to determine the quantity of animal handling equipment
- **Number of responders** – to determine the quantity of PPE and disinfectant



Powered Air
Purifying Respirator

24-Hour Push Packs

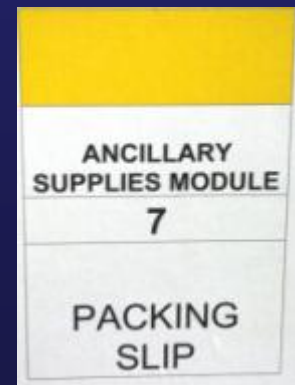


KY, IL, and NE
NVS Exercises
June 2009



24-Hour Push Package Color Coding

- Blue: Personal Protective Equipment (PPE)
- White: Decontamination supplies and equipment
- Green: PAPRs
- Gray: Animal handling equipment
- Pink: General supplies
- Yellow: Biologicals, pharmaceuticals, and related supplies (e.g., vaccines, antivirals, syringes)



PPE Kits for Individual Use

White Tyvek
(Standard Protection)



Yellow Tychem QC
(Moderate Protection)



Gray Tychem F
(High Protection)



24-Hour Push Package Composition

One Push Pack supports 10 responders

Disease	Personal Protective Equipment		Disinfectant
High Respiratory Protection	2 TW TyVek 1 TW Gray TyChem	1 TW PAPR	1 TW
Standard	2 TW TyVek 1 TW Yellow TyChem		1 TW



24-Hour Push Package Composition

- High Respiratory Protection PPE and Decon
 - 5 tri-walls (one Push Pack) supports 10 responders changing 5 times/day for 10 days
 - One tractor trailer can hold 10 Push Packs to support 100 responders
- Standard Protection PPE and Decon
 - 4 tri-walls (one Push Pack) supports 10 responders changing 5 times/day for 10 days
 - One tractor trailer can hold 13 Push Packs to support 130 responders
- Push Package is customized according to your approved request



Depopulation Equipment

- CO2 carts
- Foam equipment
- NVS Director may approve shipment to trained field personnel to operate, or
- Deployment with contractors to operate the equipment



Enhanced 3D Commercial Services

Responding – Training - Exercising

- Standing by for novel H1N1 response
- Staged and trained on foam units. April – July 2009
- Exercised FMD vaccine/Push Pack across Canadian border. June 2009
- Supported foam unit demonstration at the Carcass Disposal Symposium. July 2009
- Upcoming training with VA Poultry Growers Cooperative, Inc. on spent turkey depopulation and disposal. October 2009

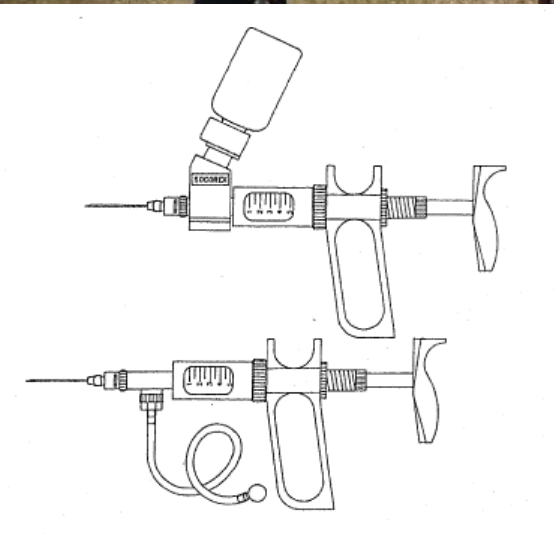


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Future Capabilities

- Purchase self-refilling syringes to deliver vaccine
- Establish cold storage at east, central, and west NVS logistical centers
- Develop ID/IQ contracts for medical waste disposal
- Supply chain management system for NVS staff to coordinate deployments
- Continue contractor training
- Acquire vaccine and test kits for appropriate threats – CSF, RVF, FMD, etc.



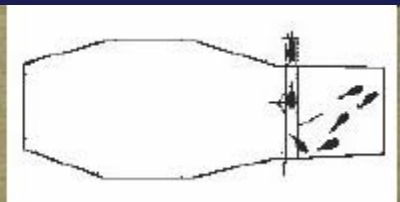
Future Capabilities

Large animal handling equipment –

- Purchase and IDIQ (Indefinite Delivery / Indefinite Quantity) Contracts



WW Yoke Trailers fit all WW Squeeze Chutes



Using 3D Contractors During “All-Hazards” Events

Developing guidance for

- Requesting help from the Federal Government - FEMA action request
- Getting funding to pay for a FEMA mission assignment through the Stafford Act
- Describing what you want the 3D contractor to do – “Scope of Work”
- Describing NVS request process to get a 3D contractor



NVS Planning Tools

- Tools developed to assist States/Tribes/US Territories with NVS preparedness
- Posted on password protected NVS website <http://nvs.aphis.usda.gov>
- Information for planners
 - NVS Basics Brief (ppt)
 - NVS Template for State Plan v 1.2 October 2009
 - NVS Planning Guide v2 June 2009
 - NVS Business Plan v 3.1 October 2009
 - IL NVS Plan May 2009
 - KY NVS Guidelines Draft June 2009



<http://nvs.aphis.usda.gov> (no www)

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Animal Health

National Veterinary Stockpile (NVS)

What is the National Veterinary Stockpile

- NVS Program Brochure (pdf 114kb) (12-05-07)
- Questions & Answers
- NVS Outreach and Exercise Programs (pdf 91kb) (09-29-09)

Information for Planners

NOTE: This page is password protected.

News

NVS Finishes Major FMD Exercise with States (pdf 29kb)

Last Modified: September 30, 2009

Related Topics

- Emergency Management Response System (EMRS)
- Emergency Management Tools
- HPAI Response Plan
- National Animal Health Emergency Response Corps (NAHERC)
- Response Documents
- Reference Library
- Training
- Subscribe to the EMOC Notification List

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- Report a Pest or Disease

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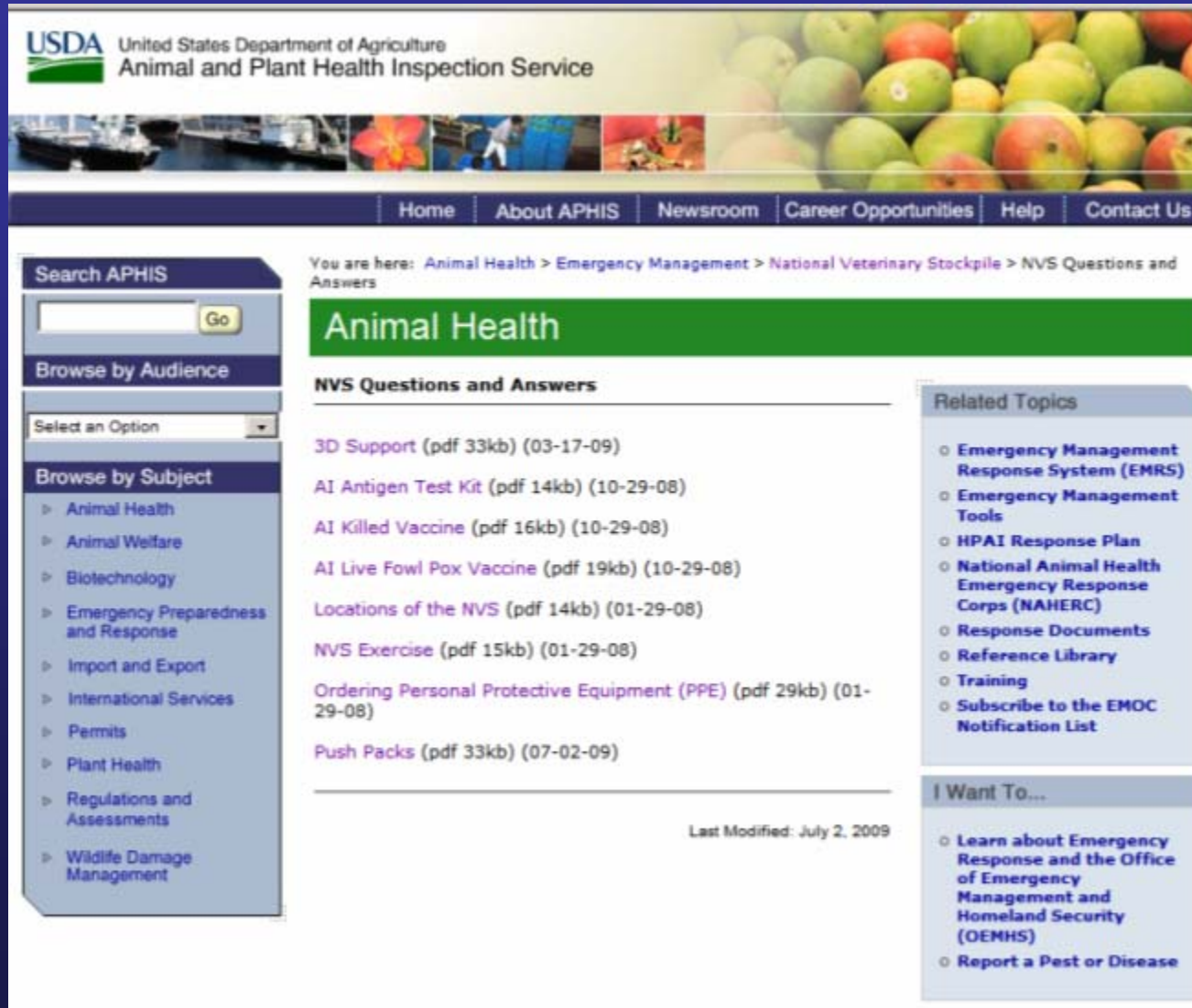
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8 NVS Questions & Answers



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Animal Health

NVS Questions and Answers

[3D Support](#) (pdf 33kb) (03-17-09)

[AI Antigen Test Kit](#) (pdf 14kb) (10-29-08)

[AI Killed Vaccine](#) (pdf 16kb) (10-29-08)

[AI Live Fowl Pox Vaccine](#) (pdf 19kb) (10-29-08)

[Locations of the NVS](#) (pdf 14kb) (01-29-08)

[NVS Exercise](#) (pdf 15kb) (01-29-08)

[Ordering Personal Protective Equipment \(PPE\)](#) (pdf 29kb) (01-29-08)

[Push Packs](#) (pdf 33kb) (07-02-09)

Last Modified: July 2, 2009

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Animal Health

National Veterinary Stockpile (NVS)

Information for Planners

Countermeasures

Presentations

- [NVS Basics Brief - August 25, 2009 \(pdf 1.34mb\)](#)

Publications

- [NVS Template for State Plan Version 1.1 - September 23, 2009 \(doc 4.61mb\)](#)
- [NVS Planning Guide Version 2 - June 18, 2009 \(pdf 580kb\)](#)

Reports

State NVS Plans

- [Illinois NVS Plan May 2009 \(pdf 1001kb\)](#)
- [Kentucky NVS Guidelines Draft June 2009 \(pdf 3.58mb\)](#)

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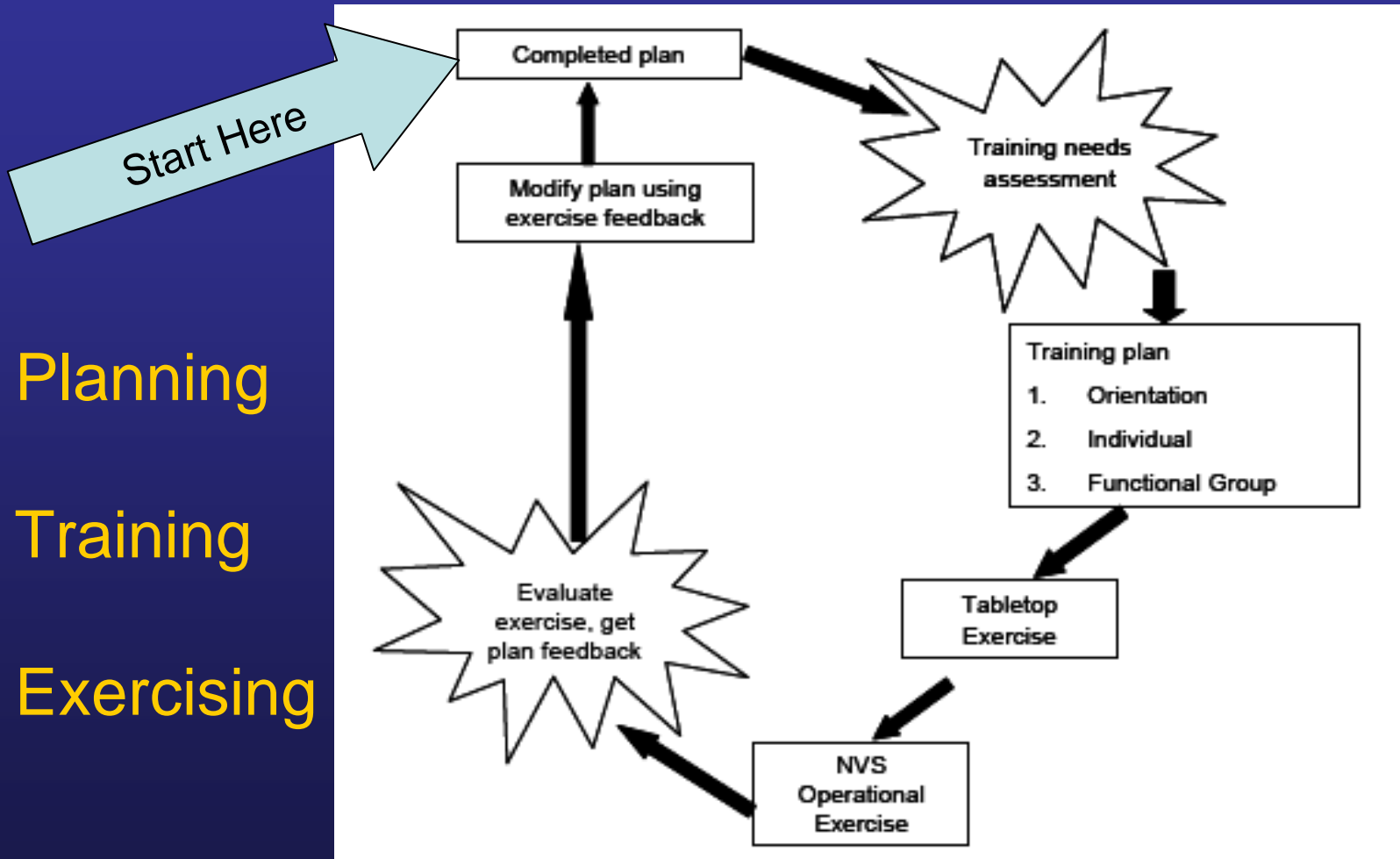


Advantages of Using Template to Develop Your State NVS Plan

- Simplify your planning process by “filling in the blanks” and customizing for your particular jurisdictional circumstances
- Refer to other State plans posted as examples
 - Kentucky and Illinois already posted on website
 - Nebraska, Arizona, Navajo Nation, Vermont plans are pending
- Enhance regional preparedness by having consistent approaches across multiple States



National Incident Management System Preparedness Cycle



NVS Plan Development

- Written plans are the foundation of preparedness upon which training and exercises are built.
- Exercises are intended to validate written plans.
- Ideally, written plans should be completed well before exercise design begins.
- Typically, the more robust the plan – the more valuable the exercise to validate it.

State/Tribe/US Territory NVS Preparedness

- Phase 1 States/Tribes used template to draft plans; Conducted tabletop and operational exercises
 - Illinois, Kentucky, Nebraska. June 2009
 - Arizona, Navajo Nation. August 2009
 - Vermont. September 2009
- Multi-State Partnership for Security in Agriculture member States used template to draft plans
- Other states have drafted plans and/or conducted previous NVS exercises



NVS Preparedness for FY 2010

- Southern Agriculture and Animal Disaster Response Alliance States participating in NVS cooperative agreement and will develop NVS plans in FY 2010
- Alabama, Louisiana, Mississippi will also conduct operations based logistics exercises April 2010



Planning Ahead for FY 2011

NVS looking for ~ 3 contiguous states as cooperative agreement partners who will:

- Commit to NVS preparedness
- Develop written NVS plan
- Exercise the plan
- Post plan on NVS website
- Advise others



Here to Help You...

National Veterinary Stockpile

State Federal Liaison

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NVS Website

<http://nvs.aphis.usda.gov>

