

Text:

National Veterinary Stockpile

Improving Disease Response Through Science-Based Logistics

U.S. Department of Agriculture


Animal and Plant Health Inspection Service

Veterinary Services

Image:

Slide template used throughout course includes the USDA, APHIS and VS logos as well as the phrase "Safeguarding Animal Health"

Collage of five photos showing veterinarians working with swine, eggs, a cow, a chicken, and a sheep



Objectives

- Provide background, mission, and goals of the National Veterinary Stockpile (NVS) program.
- Review countermeasures that are deployable from the NVS.
- Highlight NVS program's outreach and exercise initiatives.

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The main objective of this brief is to provide the viewer an introduction to the NVS program. This presentation will discuss the background, mission, and goals of the NVS program, review the countermeasures that are deployable from the NVS, and highlight the NVS program's outreach and exercise initiatives.

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Highlight NVS program's outreach and exercise initiatives.

Image:

None



In a nutshell, the NVS is the nation’s repository of critical veterinary supplies, equipment, animal vaccine, and response support services to support an animal disease emergency response.


Text:

National Veterinary Stockpile

National repository of critical veterinary supplies, equipment, animal vaccine, and response support services.

Image:


Collage of seven images including modules stacked in a commercial rack system, propane forklift moving the GTS 5420 pallet shipper, flatbed tractor trailer loaded with animal handling equipment, modules being moved on the warehouse floor with a pallet jack, cattle moving through the alley of the mobile corral, all-terrain forklift removing modules from a tractor trailer, and rear view of an open tractor trailer containing modules.



National Veterinary Stockpile

Homeland Security Presidential Directive-9 (HSPD-9) directed Secretary of Agriculture in 2004 to establish the National Veterinary Stockpile in order to:

- Augment state resources by being capable of deploying within 24 hours “sufficient amounts of animal vaccine, antiviral, or therapeutic products to appropriately respond to the most damaging animal diseases affecting human health and the economy”
- Leverage the work done by the Strategic National Stockpile at the Centers for Disease Control.



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Homeland Security Presidential Directive 9 established the NVS in 2004 as a component of the national agriculture and food defense strategy. The Directive reflects the nation's concern that terrorists could simultaneously release animal diseases of catastrophic proportions which would quickly deplete available resources.

The NVS was established to augment state resources by being capable of deploying within 24 hours “sufficient amounts of animal vaccine, antiviral, or therapeutic products to appropriately respond to the most damaging animal diseases affecting human health and the economy.” It also leverages the work done by the Strategic National Stockpile at the Centers for Disease Control.

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Leverage the work done by the Strategic National Stockpile at the Centers for Disease Control.

Image:

Seal of the President of the United States



NVS Mission and Goals

- Provide veterinary countermeasures – supplies, equipment, animal vaccines, and response support services – that States, Tribes, and Territories need to respond to damaging animal disease outbreaks.
- Deploy these countermeasures within 24 hours.
- Assist States, Tribes, and Territories with the planning, training, and exercises for the rapid receipt, processing, and distribution of NVS countermeasures during an event.

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The mission of the NVS program is to:

Provide veterinary countermeasures, including supplies, equipment, animal vaccines, and response support services, that States, Tribes, and Territories need to respond to damaging animal disease outbreaks.

Deploy within 24 hours countermeasures against the most damaging animal diseases. The NVS program maintains a robust deployment plan and exercises the plan regularly to ensure that this goal is met.

Assist States, Tribes, and Territories with the planning, training, and exercises for the rapid receipt, processing, and distribution of NVS countermeasures during an event. The NVS State Federal Liaison works directly with Federal, State, Tribal, and Territorial officials, and non-governmental stakeholders to assist them with NVS preparedness.

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Image:

None



Deployable Countermeasures

- 24 Hour Push Packs of Personal Protection Equipment (PPE) and decon supplies
- PPE individual kits
- Antiviral medications
- Animal vaccine
- Poultry depopulation foaming units, CO2 carts
- Portable vaccine shipment / storage containers
- Animal handling equipment
- Response support services

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Listed are countermeasures that are deployable from the NVS program. The list includes: 24 Hour Push Packs of PPE and decontamination supplies; PPE individual kits; Antiviral medications; Animal vaccine; Poultry depopulation foaming units, CO2 carts; Portable vaccine shipment / storage containers; Animal handling equipment; and Response support services.

Text:

Deployable Countermeasures

- 24 Hour Push Packs of Personal Protection Equipment (PPE) and decon supplies
- PPE individual kits
- Antiviral medications
- Animal vaccine
- Poultry depopulation foaming units, CO2 carts
- Portable vaccine shipment / storage containers
- Large animal handling equipment
- Response support services


Image:

None

USDA

24 Hour Push Pack

- Contains PPE and decontamination supplies.
- Deploys within 24 hours of APHIS' approval.
- Arrival will precede additional items necessary to continue supporting the response.



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The NVS program expects to deploy 24 Hour Push Packs in response to a request to support a damaging animal disease outbreak. Each push pack contains sufficient personal protective equipment and decontamination supplies to support 10 responders changing protective suits 6 times per day for 10 days.

24 Hour Push Packs are preconfigured and stored in NVS logistics centers ready for deployment. They will generally be shipped first and precede any additional countermeasures, such as animal vaccine, necessary to continue supporting the response.

Text:

24 Hour Push Pack

- Contains PPE and decontamination supplies.
- Deploys within 24 hours of APHIS' approval.
- Arrival will precede additional items necessary to continue supporting the response.

Image:

Row of push pack modules

USDA

3D Response Support Services

- NVS maintains contracts to support Depopulation, Disposal, Decontamination (3D), or other response support services.
- 3D contractors are highly trained and self-sufficient with their own equipment.
- NVS serves as single point of contact to select the best qualified contractor(s) to support the response.



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In addition to physical countermeasures, the NVS maintains contracts to support 3D response support services. 3D is the acronym for “depopulation, disposal, and decontamination” and represents activities that commonly demand rapid deployment of large numbers of response personnel and equipment.

The 3D contractors are trained in emergency response, and are self-sufficient with their own equipment and supplies. Contractors can begin deployment within 24 hours and supply many personnel from multiple places throughout the nation.

The NVS program serves as the single point of contact for 3D response support services. NVS staff will select the best qualified contractor(s) to support the depopulation, disposal, and decontamination efforts of an incident command.

Text:

3D Response Support Services

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Image:

Small skid loader, large front-end loader and large capacity dump truck being used to move dirt.

USDA

Emergency Transportation

- NVS program provides logistical support to APHIS Veterinary Services.
- NVS contracts for emergency transport of samples, supplies, animal vaccines, etc.



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As the logistics experts within APHIS Veterinary Services, the NVS program provides logistical support as needed for the agency. A part of this support includes NVS contracts for emergency transport of samples, supplies, animal vaccines, etc. The contracts are operational 24 hours per day and 365 days a year.

These emergency contracts have been executed, for example, to transport priority 1 foreign animal disease samples from the field to the National Veterinary Services Laboratory, helping facilitate a rapid diagnosis.

Text:

Emergency Transportation

- NVS program provides logistical support to APHIS Veterinary Services.
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Image:

Private jet flying over a coastline.

USDA

States/Tribes/Territories Need A Plan to Receive NVS Within 24 Hours

- Request NVS deployment
- Receive modules
- Store materials
- Stage shipments for distribution
- Manage Inventory for efficiency and replenishment
- Distribute materials to multiple outbreak sites
- Recover unopened and returnable items



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Time is of the essence when responding to a damaging animal disease outbreak, and States, Tribes, and Territories need a plan to receive NVS countermeasures within 24 hours of APHIS' approval to deploy. The written NVS plan should include how to:

- Request NVS deployment
- Receive the modules of 24 Hour Push Packs
- Store materials using warehouse operations
- Stage shipments for distribution to field responders
- Manage Inventory for efficiency and replenishment of resources
- Distribute materials to multiple outbreak sites, and
- Recover unopened and returnable items to the NVS program.

Having these components in a written plan is critical for the most effective and efficient logistical response.


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Image:

Clock on a wall.



Outreach and Exercise Support

- NVS Federal State Liaison works directly with Federal, State, Tribe, and Territory officials, and non-government stakeholders on NVS preparedness
- Numerous planning tools available for NVS planners
- Current information maintained on NVS website <http://www.aphis.usda.gov/nvs>
- Full-scale exercises conducted yearly with stakeholders



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The NVS State Federal Liaison interfaces directly with Federal, State, Tribal, and Territorial officials as well as nongovernmental stakeholders on NVS preparedness. You may reach the Liaison through the generic NVS email address nvs@aphis.usda.gov to learn more about the NVS outreach and exercise efforts.

The NVS website <http://www.aphis.usda.gov/nvs> provides access to numerous planning tools for NVS planners, including a planning guide, State NVS plan template, after action reports from NVS exercises, and examples of State and Tribal NVS plans.

The NVS staff provides annual logistics training to our full scale exercise partners.


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- Full-scale exercises conducted yearly with stakeholders

Image:

Screenshot of the NVS website



Conclusion

NVS is a Tool for Responding to Animal Disease

The NVS program:

- Manages national repositories so States, Tribes, and Territories have what they need to respond.
- Deploys within 24 hours for time-certain delivery of countermeasures.
- Coordinates logistics planning and response for damaging animal disease outbreaks.
- Helps States, Tribes, and Territories plan, train, and exercise the rapid distribution of NVS countermeasures to agriculture responders.

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In conclusion, the NVS is a tool for responding to animal disease.

The NVS program:

- Manages national repositories so States, Tribes, and Territories have what they need to respond.
- Deploys within 24 hours of APHIS approval for time-certain delivery of countermeasures.
- Coordinates the APHIS Veterinary Services logistical planning and response for damaging animal disease outbreaks.
- Helps States, Tribes, and Territories plan, train, and exercise for the rapid distribution of NVS countermeasures to agriculture responders.

Text:

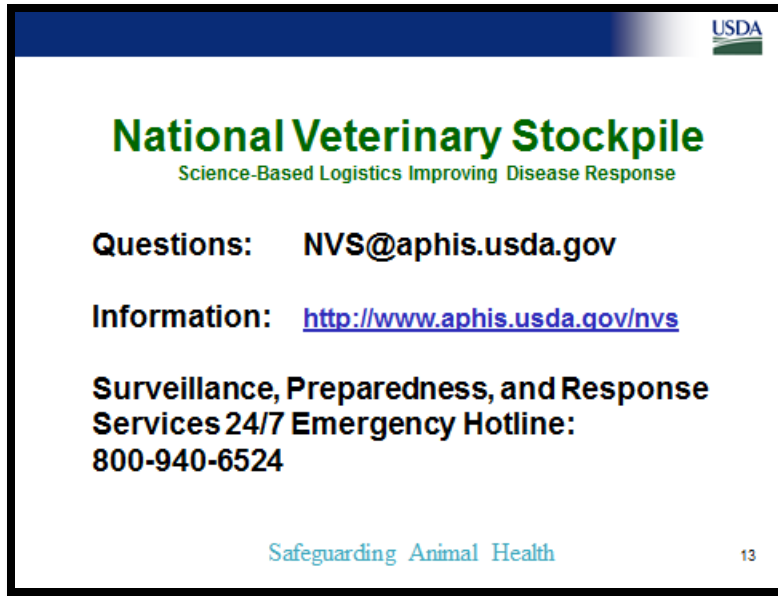
NVS is a New Tool for Responding to Animal Disease

The NVS program:

- Manages national repositories so States, Tribes, and Territories have what they need to respond.
- Deploys within 24 hours for time-certain delivery of countermeasures.
- Coordinates logistics planning and response for damaging animal disease outbreaks.
- Helps States, Tribes, and Territories plan, train, and exercise the rapid distribution of NVS countermeasures to agriculture responders.

Image:

None



National Veterinary Stockpile
Science-Based Logistics Improving Disease Response

Questions: NVS@aphis.usda.gov

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

**Surveillance, Preparedness, and Response
Services 24/7 Emergency Hotline:
800-940-6524**

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The NVS staff remains available to answer your questions and provide additional information. Please contact the program using the email address nvs@aphis.usda.gov. The NVS website is a repository of the most current information and provides guidance and tools for NVS planners. Check it often for updates.

For emergencies, call the Surveillance, Preparedness, and Response Services 24/7 emergency hotline number at 800-940-6524 and leave your name and telephone number. You will get help quickly.

Thank you for your interest in NVS preparedness!

Text:

National Veterinary Stockpile

Science-Based Logistics Improving Disease Response

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Image:

None