

**APHIS Veterinary Services  
National Animal Disease Preparedness and Response Program (NADPRP)  
FY2025 Spending Plan**

*Overview*

Topic	Amount
Projects that Support Livestock and Poultry Biosecurity Measures and Programs	\$5,141,708
Projects that Enhance Capability & Capacity for Depopulation, Carcass Disposal, and Decontamination in a Disease Outbreak	\$2,386,894
Projects that Support Outreach & Education on Animal Disease Prevention, Preparedness, and Response	\$1,674,326
Projects that Develop, Enhance, and Exercise State and Tribal Animal Disease Outbreak Emergency Response Plans	\$1,374,151
Projects that Support Animal Disease Movement Decisions in a Disease Outbreak	\$1,024,930
Projects that Develop and Deliver Training & Exercises for Animal Agriculture Sector Responders	\$858,100
Projects that Enhance Aquatic Animal Disease Preparedness and Response	\$841,130
Projects that Enhance Biosecurity for Equine Populations	\$800,401
Projects that Enhance Animal Disease Traceability During a Disease Outbreak	\$708,715
Projects to Advance the Development of Sheep & Goat Vaccines	\$499,897
<b>Grand Total</b>	<b>\$15,310,252</b>

**Projects that Support Livestock and Poultry Biosecurity Measures and Programs**

Project ID	Application ID	Recipient	Title	Award Amount
CA03.25	APP-73657	University of California, Davis	Building Biosecurity Resilience: Targeted Training for Dairy Workers During Highly Pathogenic Avian Influenza H5N1 Outbreak	\$513,158
CA05.25	APP-73611	University of California, Davis	Capacity Building to Improve Biosecurity and Reduce Disease Spread in Diversified Small-Scale Farms in California	\$510,554
CA07.25	APP-72344	University of California, Davis	Western-States Enhanced Biosecurity Plan Development – Secure Beef Supply and Secure Milk Supply	\$236,120

### Projects that Support Livestock and Poultry Biosecurity Measures and Programs (cont.)

Project ID	Application ID	Recipient	Title	Award Amount
FL01.25	APP-72528	University of Florida	Evaluating Biosecurity Risks from Feral Swine and Potential Solutions on Commercial Swine Farms in Arkansas	\$272,521
IA06.25	APP-72544	Iowa State University	Promoting and Delivering Biosecurity and Foreign Animal Disease Preparedness Resources to Niche Producers and Small-Scale Farmers	\$334,754
ID01.25	APP-72343	Idaho Department of Agriculture	Building and Promoting Resilience in Idaho's Poultry Producers	\$188,927
KS05.25	APP-72576	Kansas Department of Agriculture	Training for State Secure Food Supply Coordinators	\$133,363
KY01.25	APP-72593	University of Kentucky	Biosecurity Blueprint: Safeguarding Horses, Poultry, and Livestock	\$499,963
MD04.25	APP-72448	University of Maryland	Advancing Understanding of Risk: Highly Pathogenic Avian Influenza Viral Host Expansion Requires Risk Integration into Existing Tools and a Novel Dynamic Application to Inform Producers and Public Awareness	\$185,696
MN05.25	APP-72503	University of Minnesota	Barn-to-Barn Spread of Influenza A Virus on an Infected Poultry Premises: Understanding the Infection Pathways and Assessing Mitigations to Reduce Transmission Risk	\$357,281
NC05.25	APP-73648	North Carolina State University	Building Capacity for Poultry Biosecurity among Youth, Extension Partners, and Small-Scale, Limited-Resource Poultry Farmers in North Carolina.	\$243,515
NY02.25	APP-72598	New York State Department of Agriculture & Markets	2025 NADPRP New York State Livestock Exhibitor Biosecurity and Emergency Plan	\$254,619
NV01.25	APP-73712	University of Nevada Reno	Improving Nevada's Preparedness for Foot-and-Mouth Disease and Foreign Animal Disease Outbreaks	\$440,532
OH04.25	APP-73664	Ohio State University	Market Matters: A Comprehensive Survey and Outreach-Based Roadmap for Enhancing Biosecurity in Livestock Markets	\$422,462
OH06.25	APP-73651	Ohio State University	Enhancing Biosecurity Awareness and Adoption by Rural Communities	\$179,732
OK02.25	APP-73673	Oklahoma Department of Agriculture, Food and Forestry	Strengthening Food Security: An Educational Excursion on Enhancing Biosecurity	\$86,711
OR03.25	APP-72572	Oregon Department of Agriculture	Enhanced Biosecurity Plan Development for Oregon Secure Food Supply	\$157,112
WI05.25	APP-73683	Wisconsin Pork Association	Advancing Biosecurity & Traceability to Wisconsin Pig Farmers	\$58,750
WI07.25	APP-72536	Wisconsin Department of Agriculture	Biosecurity – Holding the Line	\$65,938

## Projects that Enhance Capability & Capacity for Depopulation, Carcass Disposal, and Decontamination in a Disease Outbreak

Project ID	Application ID	Recipient	Title	Award Amount
AL03.25	APP-73678	Alabama Department of Agriculture & Industries	Avian Influenza Preparedness: Enhancing Alabama Depopulation, Carcass Disposal, and Decontamination Capabilities	\$118,798
AR01.25	APP-73705	Arkansas Department of Agriculture	Expanding Capacity and Capability for Foam Depopulation and Carbon Dioxide Depopulation	\$127,792
FED04.25	Federal	U.S. Geological Survey, Upper Midwest Water Science Center	Does Land Application of Dairy Waste Contribute to the Environmental Spread of Highly Pathogenic Avian Influenza?	\$214,946
IA04.25	APP-72546	Iowa State University	Disinfection 201: Online Training and Tools for Animal Health and Emergency Response Personnel	\$315,000
KS04.25	APP-73677	Kansas Department of Agriculture	Exploring Shallow Burial with Carbon: Feasibility and Benefits for Livestock Disposal in Kansas	\$140,726
LA01.25	APP-72531	Louisiana Dept of Agriculture and Forestry	Enhancing the Capacity and Capability of Preventing and Responding to Depopulation and Disposal Events	\$184,092
MO01.25	APP-72591	University of Missouri	Improvement and Implementation of Depopulation Plans in Missouri	\$229,319
NAT01.25	APP-73713	Ohio Pork Council	Effectiveness of Trench Composting for Ohio Producers	\$89,650
OH05.25	APP-73653	Ohio State University	Mitigating the Shortcomings of Foam Depopulation	\$296,901
PA01.25	APP-73714	Pennsylvania Department of Agriculture	Evaluation of Commercially Available Nitrogen Foam Deployment for Duck Rearing Facilities	\$272,587
TX11.25	APP-72508	Texas A&M University	Evaluating Decontamination Strategies for Waste Milk from Cows Infected with Transboundary and Zoonotic Viruses	\$257,362
UT02.25	APP-73703	Utah Department of Agriculture and Food	Enhanced Depopulation, Disposal and Decontamination Response for a Disease Outbreak	\$99,000
VA01.25	APP-73717	Virginia Department of Agriculture and Consumer Services	Short Course / Demonstration to Identify State Animal Mortality Management Response Resource Reserves	\$40,721

## Projects that Support Outreach & Education on Animal Disease Prevention, Preparedness, and Response

Project ID	Application ID	Recipient	Title	Award Amount
IA01.25	APP-72549	Iowa State University	Just-in-Time Training Resources for Animal Disease Emergency Responders	\$447,000
MN01.25	APP-72589	University of Minnesota	Veterinary Continuing Education to Enhance Early Foreign Animal Disease Detection and Reporting in Non-Commercial Swine	\$223,022
OK04.25	APP-83319	Comanche Nation	Comanche Nation Livestock Disease Outbreak and Preparedness	\$292,699
OR02.25	APP-72573	Oregon Department of Agriculture	Outreach and Education for Animal Disease Reporting in Oregon	\$35,854
TX03.25	APP-72595	Texas A&M University	Preparedness for New World Screwworm	\$330,864
TX04.25	APP-72594	Texas A&M University	Poultry Agribusiness Training for Development of Enhanced Emergency Preparedness Between the U.S. Commercial Poultry Industry and State Animal Health Officials	\$199,832
TX08.25	APP-72550	Texas A&M University	AgResponse: Establishing a Community of Practice Using the Extension for Community Healthcare Outcomes (ECHO) Model to Support Foreign Animal Disease Response in the United States	\$145,055

### Projects that Develop, Enhance, and Exercise State and Tribal Animal Disease Outbreak Emergency Response Plans

Project ID	Application ID	Recipient	Title	Award Amount
AZ01.25	APP-72527	University of Arizona	State and Tribal Animal Disease Response Education and Point-of-Care Detection Initiative	\$160,706
AZ03.25	APP-81287	Southwest Indian Agricultural Association, Inc.	Southwest Tribal Farmer/Rancher Animal Disease Response Outreach and Education Program	\$100,000
IA08.25	APP-72542	Iowa State University	Preparing for Japanese Encephalitis Virus: Raising National Awareness and Facilitating Multi-State Response	\$284,019
MN10.25	APP-83291	Fond du Lac Band of Lake Superior Chippewa	Fond du Lac Band Disease Outbreak Emergency Plan	\$48,413
NE03.25	APP-71317	Nebraska Department of Agriculture	Foot-and-Mouth Disease Emergency Vaccination Response Full-Scale Exercise	\$198,657
NV02.25	APP-83303	University Of Nevada, Reno	Nevada Tribal Animal Disease Preparedness and Response Program	\$96,958
OK01.25	APP-73675	Oklahoma Department of Agriculture, Food and Forestry	Enhanced Biosecurity and Emergency Preparedness Training for Livestock and Bison Herds on Tribal Lands: Preparedness and Response of Oklahoma's Unique Multi-Agency, Multi-Jurisdictional and Tribal Sovereignty Framework to a High-Consequence Transboundary Animal Disease Outbreak	\$135,041
OK05.25	APP-83299	Choctaw Nation of Oklahoma	Choctaw Nation Livestock Traceability and Emergency Preparedness	\$97,221
PA04.25	APP-73663	University of Pennsylvania	Wildlife Health Outbreak Tabletop Exercise to Improve Pandemic Preparedness Planning and Communication	\$36,364
TX05.25	APP-72583	Texas A&M University	Development of a National Point-of-Care Diagnostic Testing Use-Case Matrix for Foreign Animal Disease Outbreaks	\$216,772

### Projects that Support Animal Disease Movement Decisions in a Disease Outbreak

Project ID	Application ID	Recipient	Title	Award Amount
MN03.25	APP-72575	University of Minnesota	Evaluating the Impact of a New H5Nx Influenza Virus Source on the Risk of Poultry and Their Product Movements	\$254,946
MN06.25	APP-72502	University of Minnesota	Assessing the Risk of Moving Niche Poultry Commodity (i.e., Upland Game Bird and Duck) Day-Old Birds from Hatcheries Located in Highly Pathogenic Avian Influenza Control Areas	\$422,922
NC02.25	APP-73668	North Carolina State University	Optimizing Swine Sample Collector Network: A Comprehensive Analysis of Sampler Distribution, Logistics, and National Animal Health Laboratory Network Capacity	\$347,062

### Projects that Develop and Deliver Training & Exercises for Animal Agriculture Sector Responders

Project ID	Application ID	Recipient	Title	Award Amount
KS02.25	APP-73715	Kansas State University	National Agricultural Biosecurity Center's Region 7 Tabletops and Functional Workbooks for Extension Professionals	\$211,248
MN09.25	APP-73676	Minnesota Department of Agriculture	Developing and Exercising an Operational Plan for Foreign Animal Diseases Using Certified Swine Sample Collectors	\$64,500
NY01.25	APP-72602	New York State Department of Agriculture & Markets	New York State High Consequence Animal Disease Response Training	\$102,890
PA02.25	APP-73711	Pennsylvania Department of Agriculture	Enhancing Foreign Animal Disease Preparedness in the Mid-Atlantic Region: Foreign Animal Disease Diagnostician Continuing Education and Emergency Response Consortium Development	\$83,528
PA05.25	APP-73659	University of Pennsylvania	Regional Veterinary Workforce Development: Transboundary, Regional, Emerging, and Novel Disease (TREND) Rounds	\$81,473
SC02.25	APP-73697	Clemson University	Disease Preparedness and Response Surge Capacity-Building via the South Carolina Veterinary Reserve Corps	\$314,461

### Projects that Enhance Aquatic Animal Disease Preparedness and Response

Project ID	Application ID	Recipient	Title	Award Amount
FL02.25	APP-72511	University of Florida	Development of a Multiplex Assay for Detecting Shrimp Pathogens Using Nanopore Sequencing	\$499,367
IA05.25	APP-72545	Iowa State University	Foreign and Reportable Animal Disease Resources for Aquatic Animal Health Professionals	\$341,763

### Projects that Enhance Biosecurity for Equine Populations

Project ID	Application ID	Recipient	Title	Award Amount
IA03.25	APP-72547	Iowa State University	Education and Outreach to Improve Equine Biosecurity: Guidance for Animal Health Professionals	\$289,419
NAT04.25	APP-73650	American Horse Council	Assessing and Improving Biosecurity at Equine Welfare Organizations	\$276,078
OH03.25	APP-73667	Ohio State University	'Whoa' to Disease Outbreaks in the Equine Industry with Disease Prevention, Preparedness, and Response Education	\$234,904

### Projects that Enhance Animal Disease Traceability During a Disease Outbreak

Project ID	Application ID	Recipient	Title	Award Amount
OH01.25	APP-73674	Ohio Department of Agriculture	Enhancing Animal Disease Traceability (ADT) During a Disease Outbreak in Ohio- A Phased Approach	\$227,326
TX01.25	APP-73686	Texas Animal Health Commission	Advancing Knowledge of Animals Entering the State of Texas	\$138,759
WA01.25	APP-72532	Washington State Department of Agriculture	Arc GIS: Surveying and Closing the Spatial Map Gaps to Enhance Foreign Animal Disease Response in Washington and Beyond	\$288,759
WI06.25	APP-72579	Wisconsin Department of Agriculture	Enhancing Wisconsin's Foreign Animal Disease Traceability and Response Capabilities	\$53,871

### Projects to Advance the Development of Sheep & Goat Vaccines

Project ID	Application ID	Recipient	Title	Award Amount
MD02.25	APP-73632	University of Maryland	Developing a Vaccine Targeting the Immune Evasion Strategy of Gastrointestinal Nematodes in Small Ruminants	\$499,897