

**APHIS Veterinary Services
National Animal Disease Preparedness and Response Program (NADPRP)
FY2024 Awarded Projects**

Topic 1: Projects that Support Livestock and Poultry Biosecurity Measures and Programs

ID	Recipient	Title	Funding Level
AZ02.24	Arizona Department of Agriculture	Utilization of Small Unmanned Aircraft Systems (sUAS) To Facilitate Foreign Animal Disease Response and Site-Specific Biosecurity Planning	\$74,315
CO05.24	Colorado State University	Exploring Incentives for Beef Industry Participation in Foot and Mouth Disease Preparedness	\$267,638
IA03.24	Iowa State University	Biosecurity Manager Toolkit for Effective and Efficient Implementation of Biosecurity Aligned with the Secure Food Supply (SFS) Plans	\$224,976
KY01.24	Kentucky Department of Agriculture, Agricultural Marketing & Product Promotion	Enhancing Biosecurity Practices at Shows and Fairs and Terminal Processing Facilities	\$332,619
ME01.24	Maine Department of Agriculture, Conservation & Forestry	Reaching All Farm-Raised Animals: Assessment, Outreach and Education on Farm Biosecurity and Disease Outbreak Preparedness in Maine for Small and Diverse Livestock Farms.	\$85,745
MN05.24	University of Minnesota	Quantification of Influenza Virus Transfer During Different Biosecurity Protocols	\$458,121
NAT07.24	National Milk Producers Federation	Biosecurity and SMS: Continuing to Build Resiliency in the Dairy Industry Through Education and Response Tools	\$640,136
NY01.24	New York Department of Agriculture & Markets	2024 NYSCHAP Secure Food Supply	\$149,461
OK01.24	Oklahoma State University	Improving Local Containment for Swine Viral Outbreak from Transitional Herds and Feral Hogs in Remote Locations	\$238,098
SC02.24	Clemson University	Updating the Mid-Atlantic Secure Milk Supply Plan Project	\$358,532
SC04.24	Clemson University	Secure Beef Supply Plan Development For South Carolina Beef Producers	\$173,520
TN03.24	Tennessee Department of Agriculture	Improving the Capability of Livestock Producers to Implement Biosecurity Programs	\$337,649
TX04.24	Texas A M University	Secure Milk Supply Dairy Biosecurity Program Evaluation and Implementation in the Texas and Eastern New Mexico Dairy Corridor	\$199,948
VT01.24	University of Vermont & State Agricultural College	Secure Agriculture Farm Emergency Mapping App (SAFE mApp)	\$271,451
WA03.24	Washington State University	SFS To Prevent An SOS: Secure Food Supply Biosecurity Plans to the Rescue!	\$87,829

Topic 2: Projects that Support Outreach & Education on Animal Disease Prevention, Preparedness, and Response

ID	Recipient	Title	Award Amount
CA03.24	University of California, Davis Campus	Workforce Development in On-Farm Biosecurity Through Work-Based Learning for Community College Students	\$498,986
CO03.24	Colorado State University	Poultry Health, Biosecurity and Preparedness Across Borders: A Tri-State & Navajo Nation Initiative	\$591,927
IA04.24	Iowa State University	Enhancing Preparedness for Detecting Exotic Arthropods of Veterinary Importance in the United States	\$250,557
KS03.24	Kansas State University	County Emergency Management Agency Outreach and Education on State Animal Disease Outbreak Planning and Preparedness – A Model for Enhanced SLTT Integration and Coordination	\$127,240
MN03.24	Minnesota Department of Agriculture	Working With County Emergency Managers During a Foreign Animal Disease Outbreak	\$75,000
NAT06.24	National Institute For Animal Agriculture	Convening & Coalescing National Animal Disease Preparedness and Responses	\$78,750
OH03.24	Ohio State University	Continuing to Build Blue Ribbon Preparedness for Foreign Animal Disease Outbreak Response Among the Show Pig Industry	\$224,926
OH05.24	Ohio State University	Puerto Rico United Forces for Action (PRUFA): Preparation for prevention and rapid recognition of a Foot-and-Mouth Disease outbreak in Puerto Rico.	\$459,953
TN01.24	University of Tennessee	Education and Training for Preventing Tickborne Diseases in Animal Agriculture: A Focus to Preventing <i>Theileria Orientalis Ikeda</i> in Cow-Calf Herds in the Tennessee Valley	\$246,884
WA01.24	Washington State University	Development and Field Testing of “Prepare2Respond” Train-The-Trainer Online Learning Modules for Table-Top-Exercises Specific to Animal Related Disease Outbreaks for Fair Management and Volunteers	\$339,498
WA02.24	Washington State University	Expansion, Revision, and Promotion of “Prepare2Respond” Online Fair Management and Volunteer Education Platform.	\$191,924

Topic 3: Projects that Enhance Capability & Capacity for Depopulation, Carcass Disposal, and Decontamination in a Disease Outbreak

ID	Recipient	Title	Award Amount
AL01.24	Alabama Department of Agriculture & Industries	Developing Capacity of Poultry Compost Subject Matter Experts Among Industry and Extension Partners	\$82,639
DE01.24	University of Delaware	Implementing the Lessons Learned from the 2022-2023 Delmarva HPAI on Farm Response: Managing On-Site Mortality	\$310,998
IA11.24	Iowa State University	Extended Reality (XR) Based Training for On-Demand, Rapidly Deployable, And Scalable NADPRP Training: Captive Bolt Euthanasia as A Proof-of-Concept	\$299,744
MD02.24	Maryland Department of Agriculture	3D Training for Regional Animal Agricultural Response Teams from The Mid-Atlantic Region	\$152,393
MN01.24	Minnesota Department of Agriculture	Pilot Project for Continuing Education and Advancement of Compost SMEs	\$59,217

ID	Recipient	Title	Award Amount
MN02.24	Minnesota Department of Agriculture	Using Nitrogen for Whole House Gassing Depopulation Method for Floor-Raised Poultry and Laying Hens	\$455,649
MO02.24	University of Missouri	Development of Carcass Disposal Plan and Stakeholders Training	\$179,985
OH02.24	Ohio State University	Use What You Have! Everyday Solutions for Eliminating Foreign Animal Diseases on Swine Farms.	\$322,197
OH04.24	Ohio State University	Looking For the Silver Bullet for Upland Gamebird Outbreak Response	\$197,770
TX01.24	Texas A&M University	Thermal Dehydration for Mass Disposal of Poultry Mortalities and Poultry Products	\$171,189
WI02.24	Wisconsin Department of Agriculture, Trade, and Consumer Protection	Increasing Wisconsin's Poultry Depopulation Capabilities.	\$86,981
WI03.24	Wisconsin Department of Agriculture, Trade, and Consumer Protection	Enhancing Wisconsin's Disease Response Capabilities.	\$63,446
WI04.24	Wisconsin Department of Agriculture, Trade, and Consumer Protection	Compost & Equipment Training for Mortality Management	\$56,076
WI05.24	University of Wisconsin	Development of a Traceable Method to Thermally Inactivate and Sustainably Dispose of Eggs Infected with Highly Pathogenic Avian Influenza.	\$267,665
WV03.24	West Virginia Department of Agriculture	West Virginia Enhancement of 3D Capabilities	\$164,984

Topic 4: Projects that Support Animal Disease Movement Decisions in a Disease Outbreak

ID	Recipient	Title	Award Amount
CO07.24	Colorado State University	Developing A National-Level Equine Operation and Population Dataset to Inform Decision-Making for Emergency Planning and Preparedness for Disease Management	\$500,002
IA06.24	Iowa State University	Interactive Exercise Series Exploring Animal Movement Strategies in the Event of a Foot-and-Mouth disease Outbreak in the U.S.	\$213,077
KS01.24	Kansas State University	Quantifying Personnel and Time Required to Review and Issue Movement Permits in A Foot-And-Mouth Disease Outbreak	\$192,881
KS02.24	Kansas State University	Quantifying Cattle Movement and Determining Infrastructure and Critical Control Points for A 12-State Region to Improve Permitted Movement Planning and Continuity of Business.	\$152,893
MN04.24	Minnesota Department of Agriculture	Examining Minnesota's Response Plan Relative to Livestock Markets in the Event of a Foot-and-Mouth Disease Outbreak	\$21,778
NAT08.24	National Milk Producers' Federation	Gap Analysis and Recommendations for Implementing a Foot-and-Mouth Disease Diagnostic Assay Using Bulk Tank Milk	\$219,136
NM02.24	New Mexico State University	On Common Ground - Enhancing Strategies and Awareness of Quarantine Movement Control Operations for Public Land Grazers in the Event of a Foreign Animal Disease Incursion	\$227,569

Topic 5: Projects that Enhance Aquatic Animal Disease Preparedness and Response

ID	Recipient	Title	Award Amount
AL02.24	Auburn University	AquaDx: A Simple and Easy-To-Use Molecular Diagnostic Assay for Rapid Detection of Aquatic Foreign Animal Diseases	\$293,873
AZ03.24	University of Arizona	Developing A Highly Specific and Robust TaqMan Real-Time PCR Assay for A Simultaneous Detection of <i>Enterocytozoon hepatopenaei</i> (EHP) and Acute Hepatopancreatic Necrosis Disease (AHPND) in Shrimp	\$389,782
HI01.24	Hawaii Department of Agriculture	Enhancing Veterinary Capacity for Aquatic Animal Disease Preparedness and Response in Hawai'i and the Pacific Islands Region	\$167,717
IA02.24	Iowa State University	Tools and Resources to Help U.S. Aquaculture Farms with Disease Risk Assessment and Biosecurity Plan Development	\$267,928
MI01.24	Michigan State University	Strengthening the Fish Farm Veterinary Workforce, Fish Farm Biosecurity, and Enhancing Aquatic Animal Disease Preparedness and Response in the North Central Region	\$137,196

Topic 6: Projects that Develop and Deliver Training & Exercises for Animal Agriculture Sector Responders

ID	Recipient	Title	Award Amount
AZ01.24	Arizona Department of Agriculture	Foreign Animal Disease Preparedness for Whole of Community Response in Arizona	\$37,161
CO01.24	Colorado Department of Agriculture	Agriculture Incident Safety officer (AGI-SOFR) Training Curriculum Development	\$95,251
IA05.24	Iowa State University	Develop and Deliver Educational Resources to Promote and Support Mental Health Resiliency in Animal Health Responders and Producers	\$225,950
NAT01.24	American Association of Swine Veterinarians	Training Stakeholders in the Certified Swine Sample Collector Training Program	\$257,552
NM01.24	New Mexico State University	ADPROS: Animal Disease Preparedness and Response Training for Law Enforcement officers and Emergency Stakeholders	\$247,319
PA02.24	Pennsylvania Department of Agriculture	Incident Command Staff Instructor-Led Virtual Training; ICS 300 And ICS 400	\$15,000
TX05.24	Texas A M University	Livestock Agribusiness Training for Development of An Enhanced Emergency Preparedness Infrastructure Partnership Between US Dairy and Beef Industries and US State Veterinarians	\$146,578
TX07.24	Texas A M University	Tri-State Feedlot Readiness Assessment for FMD Prevention and Response	\$182,665

Topic 7: Projects that Develop, Enhance, and Exercise State and Tribal Animal Disease Outbreak Emergency Response Plans

ID	Recipient	Title	Award Amount
MT01.24	Montana Department of Livestock	Development of a State Communication Plan and Supporting Documents for Montana, with Consideration for Regional and International Partners, For the 72-Hour Stop Movement Period for Animals and Animal Products And	\$88,567
NC02.24	North Carolina Department of Agriculture & Consumers Services	Enhancing North Carolina's ASF Response Capabilities in Feral Swine Populations	\$491,288
NE01.24	Nebraska Department of Agriculture	Nebraska Emergency Preparedness	\$26,165
SC01.24	Clemson University	Regional Ruckus 2025	\$288,732
UT01.24	Utah Department of Agriculture And Food	Utah Industry Engagement and Enhanced Preparedness for Foreign Animal Diseases	\$73,768
VT02.24	University of Vermont & State Agricultural College	How Will State Animal Health Authorities in the New England Milkshed Get Premises Information in A Foot-And-Mouth Disease Emergency?	\$126,388

Topic 8: Projects to Advance the Development of Sheep & Goat Vaccines

ID	Recipient	Title	Award Amount
IA08.24	Iowa State University	Advancing Platform Vaccines for Use in Sheep and Goats	\$513,087
OK02.24	Oklahoma State University	Assessing the Performance of Vaccine Adjuvants on Cellular and Humoral Responses to Viral Antigens in Sheep and Goats	\$218,731

Topic 9: Projects that Enhance Animal Disease Traceability During a Disease Outbreak

ID	Recipient	Title	Award Amount
KS04.24	Kansas State University	Assessing the Effect of Current and Increased Electronic ID Adoption Percent on Cattle Traceability Success with A Focus on Beef Calves, Stocker, and Feeder Cattle	\$185,954
NAT03.24	American Sheep Industry Association, American Wool Trust	Evaluating the Traceability of Livestock Marketed in an Auction Market Setting Utilizing Electronic ID in a Foot-and-Mouth Disease Outbreak Through Collaboration with Industry and State Partners	\$111,110
NC01.24	North Carolina Department of Agriculture & Consumers Services	Enhancing Swine Movement Data Capture for Improved Disease Traceability	\$66,921
VA01.24	Virginia Department of Agriculture And Consumer Services	Mobile Data Collection Platforms to Support Traceability and Emergency Response in Virginia	\$39,750
WY01.24	Wyoming Livestock Board	Implementation of a Sustainable Electronic Traceability System at a Wyoming Livestock Market	\$156,795