

**APHIS Veterinary Services  
National Animal Disease Preparedness and Response Program (NADPRP)  
FY 2023 Awarded Projects**

Topic 1: Projects to Advance Capacity for Depopulation, Carcass Disposal, and Decontamination

ID	Recipient	Title	Funding Level
AL01.22	Alabama Department of Agriculture	Avian Influenza Preparedness: Enhancing Alabama Depopulation, Carcass Disposal, and Decontamination Capabilities	\$148,529
AL02.22	Alabama Department of Agriculture	Developing Capacity of Livestock and Poultry Compost Subject Matter Experts	\$79,138
AZ01.22	Arizona Department of Agriculture	Composting in the Southwest: Unique Challenges Posed by Arid Environments	\$69,040
CA02.22	California Department of Agriculture	California Livestock and Poultry Depopulation and Carcass Disposal Training and Exercise Project	\$435,381
DE01.22	University of Delaware	Improving Access to Emergency Depopulation Training: Development and Implementation of a Collaborative Mixed Reality Training Environment for the Execution of Foam-Based Poultry Mass Depopulation Protocols	\$388,649
HI01.22	Hawaii Department of Agriculture	Improvement of Carcass Disposal and Decontamination Capabilities for Small Scale Producers in Hawaii	\$67,945
IA02.22	Iowa State University	Improving the Efficiency of Cattle Handling for Mass Depopulation Procedures in Animal Health Emergencies	\$1,038,493
IA07.22	Iowa State University	Improving Deployment of Plastic Silo Bags for Foreign Animal Disease Outbreaks	\$253,315
ID01.22	Idaho Department of Agriculture	Enhancement of Large-Scale Depopulation and Disposal Capabilities in a Disease Outbreak in Idaho: Avian Focus	\$158,271
ME01.22	University of Maine	Carcass Grinding as a Means to Reduce Costs When Composting Large Animal Mortalities	\$263,331
ME02.22	University of Maine	Carcass Management Training for Foreign Animal Disease Events	\$269,954
MO01.22	Missouri Department of Agriculture	Utilizing Livetec Systems Nitrogen Foam Delivery System for Rapid, Large Scale Depopulation of Swine	\$904,145
NC04.22	North Carolina State University	Evaluation of Decontamination Protocols and Vehicle Movement to Mitigate the Transmission Risk of PED Virus as a Proxy for FAD	\$431,064
NY02.22	New York Department of Agriculture	NYS Egg Disposal Project	\$66,626
OH02.22	The Ohio State University	Improving Awareness and Accessibility of Practical and Effective Depopulation Methods	\$477,976
OK01.22	Oklahoma State University	Evaluation of Thermal Treatment Protocols to Inactivate Veterinary Viruses in Field Simulated Conditions	\$112,896

PA01.22	Pennsylvania Department of Agriculture	A Study of Logistic Requirements and Best Management Practices for Utilizing Nitrogen Foam Euthanasia in Pennsylvania Swine and Poultry Operations	\$286,284
SC01.22	Clemson University (South Carolina)	South Carolina Subject Matter Expert Mass Animal Mortality Management Training	\$73,518
SC03.22	Clemson University (South Carolina)	Enhance the Capacity and Capability of Responding to Depopulations Events in South Carolina and Southeastern States	\$482,498
SD01.22	South Dakota Animal Industry Board	Increasing Capacity for Timely and Humane Depopulation of Swine and Poultry in South Dakota	\$620,000
TX13.22	Texas A&M AgriLife Research	Pilot Decontamination Training and Certification Program for Farmworkers	\$185,238
WI02.22	Wisconsin Department of Agriculture	Enhancing Wisconsin's Foreign Animal Disease Response Capabilities	\$101,099
WI03.22	University of Wisconsin System, Platteville	Development of a Traceable Method for Thermal Inactivation and Sustainable Disposal Practices for Eggs Infected with Avian Influenza Virus	\$214,863

## Topic 2: Livestock and Poultry Biosecurity

ID	Recipient	Title	Funding Level
CO02.22	Colorado Department of Agriculture	Secure Beef Supply Plan Development for Colorado Feedlots	\$66,285
MS01.22	Mississippi Board of Animal Health	Development of a Statewide Cross-Sector Biosecurity Program	\$325,169
NAT02.22	American Sheep Industry Association	Outreach about FMD Preparedness and the Secure Sheep & Wool Supply	\$180,616
NAT03.22	National Cattlemen's Beef Association NCBA	Developing Outreach to US Beef Producers, Veterinarians, and Transporters	\$445,396
NC02.22	North Carolina State University	Standardized On-Farm Biosecurity Poultry Producers Plans in a User-Friendly Management Tool for Pennsylvania	\$537,193
OH04.22	The Ohio State University	Proceed: Puerto Rico Contra Enfermedades Emergentes de Cerdos (Protecting Puerto Rico Against Swine Emerging Disease)	\$221,528
RI01.22	Rhode Island Department of Environmental Management, Agriculture Division	Secure food Supply Plans in New England Animal Agriculture: Gap Analysis and Strategies for Improvement in Small-Farm Security	\$80,306
TX04.22	Texas A&M AgriLife Research	Evaluation and Identification of Psycho-Socio-Demographic Factors Impacting the Implementation of and Compliance to Biosecurity Plans for Relevant Infectious Diseases in Poultry Farmers in Texas	\$306,042
WA03.22	Washington State Department of Agriculture	Washington Enhanced Biosecurity Plan Development Continuation Project – Secure Beef Supply Focus	\$45,686

Topic 3: Develop, Enhance, and Exercise State / Tribal Animal Disease Emergency Response Plans

ID	Recipient	Title	Funding Level
AZ03.22	Arizona Department of Agriculture	Improvement of Communications Capabilities for Depopulation and Carcass Disposal Events	\$87,707
FL01.22	Florida Department of Agriculture	New World Screwworm (NWS) Readiness Response	\$32,841
MD01.22	Maryland Department of Agriculture	Biosecurity Rapid Response Mobile Decontamination/Disinfection Gate for Animal Disease Outbreaks	\$71,139
VA01.22	Virginia Department of Agriculture	Enhancing Virginia's FAD Response Through Plan Development and Exercise	\$119,714
WA01.22	Washington State Department of Agriculture	Foreign Animal Disease Mitigation and Response Preparedness Exercise Series	\$326,057
WV01.22	West Virginia Department of Agriculture	Animal Movement During 72-hour National Standstill and Transitioning to EMRS Permitting	\$52,012

Topic 4: Training & Exercises for Animal Agriculture Sector Responders

ID	Recipient	Title	Funding Level
IA06.22	Iowa State University	Prioritizing Essential Animal Disease Outbreak Response Competencies and Developing Foundational and Just-in-Time Training Tools for State and Tribal Animal Health Officials and Their Staff	\$575,474
KS04.22	Kansas State University	Land Grant Institution Foreign Animal Disease Table Top Exercise	\$80,961
MI01.22	Michigan Department of Agriculture on behalf of the Multi-State Partnership for Security in Agriculture (MSPSA)	National Incident Command System Capacity Advancement	\$829,114
ND01.22	North Dakota State University	Emergency Response Preparedness for Foreign Animal Diseases and Mass Livestock Mortalities in North Dakota	\$217,138
WA02.22	Washington State Department of Agriculture	Development of a Western States Agriculture Mitigation and Response Consortium	\$178,068

Topic 5: Outreach & Education on Animal Disease Prevention, Preparedness, and Response

ID	Recipient	Title	Funding Level
IA01.22	Iowa Department of Agriculture	Expand, Enhance and Deliver Training to Veterinarians through the Iowa Foreign Animal Disease Defense Program	\$104,408
IA04.22	Iowa State University	Identify, Prevent, and Protect: Producer Biosecurity for Foreign Animal Diseases	\$372,290
IN01.22	Purdue University (Indiana)	Improving Disease Preparedness Among Small-Scale Poultry Owners	\$406,428

MN13.22	University of Minnesota	Targeted Learning Modules for the Poultry Industry on Highly Pathogenic Avian Influenza	\$152,805
OH01.22	The Ohio State University	Defending the Flock With Prevention, Preparedness, and Response Education for Backyard and Exhibition Poultry Producers	\$193,018
TX08.22	Texas A&M AgriLife Research	Producer FAD Prevention and Response Certificate Training Program	\$183,309
TX10.22	Texas A&M AgriLife Research	On-Demand Training for Foreign Animal Disease Diagnosticians for Animal Disease Response	\$499,496
VT01.22	University of Vermont & State Agriculture College	Illustrating Answers to Hard Questions on FAD Preparedness	\$208,772
WA05.22	Washington State University Inc.	Avoiding a Foreign Animal Disease House of Cards: Stacking the Deck in Favor of Small Ruminant Disease Prevention, Preparedness, and Response	\$216,315
WI01.22	Wisconsin Department of Agriculture	Catastrophic Animal Mortality Planning	\$58,393

**Topic 6: Projects that Support Animal Movement Decisions in a Disease Outbreak**

ID	Recipient	Title	Funding Level
KS02.22	Kansas State University	Auction Market Biosecurity and Risk Mitigation for FMD	\$71,366
KS06.22	Kansas State University	Longitudinal Surveillance and Biosecurity Practice in an FMD Outbreak	\$192,047
MN11.22	University of Minnesota	Evaluating Risk of Moving Segregated Processed Eggs from Infected Premises to Sites without Susceptible Species	\$232,339
MN12.22	University of Minnesota	Risk Assessment for the Movement of Duck Hatching Eggs	\$389,985
NC01.22	North Carolina State University	Extending a Between-Farm African Swine Fever Transmission Model to Estimate the Necessary Number of Sample Collectors in a Highly Swine Dense Region	\$235,820
OH03.22	The Ohio State University	Capturing Swine Movements: What Have We Been Missing?	\$203,370

**Topic 7: Projects to Advance the Development of Sheep & Goat Vaccines**

ID	Recipient	Title	Funding Level
FED01.22	USDA Agricultural Research Service	Characterizing the Major Histocompatibility Complexes of US Based Domestic Goats	\$291,305