

## NADPRP Funded Projects from 2020 to 2024

The following list includes NADPRP project that were awarded between the Fiscal Year of 2020 through Fiscal Year 2024. For a detailed look at each project, please refer to the [NADPRP Dashboard](#), which allows searching for terms or filtering to find specific projects. In the NADPRP Dashboard, specific project details can be found on the Project List tab by clicking on the award amount.

Award Year	NADPRP ID	Recipient	Title	Award
2020	AL01	Alabama Department of Agriculture and Industries	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$9,531
2020	AL02	Alabama Department of Agriculture and Industries	Avian Influenza Preparedness	\$55,691
2020	CA01	California Department of Food and Agriculture	Develop and Deliver Training in Critical Activities of FAD Response: Lifecycle of Diseases Response, Recovery, and Mitigation	\$255,718
2020	CLEM1a	Clemson University	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$34,630
2020	FL02	Florida Department of Agriculture	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$22,525
2020	GA01	Georgia Department of Agriculture	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$83,868
2020	GA02	Georgia Department of Agriculture	Enhancing Georgia's FAD Response Capabilities Training and Exercise Program	\$123,262
2020	IA01	Iowa State University	Developing, Training, and Exercising a Workable Foot-And-Mouth Disease Vaccination Plan for Iowa Livestock Stakeholders	\$73,785
2020	IA02	Iowa State University	Improving Foreign Animal Disease Readiness in Iowa Through a Biosecurity Train-The-Trainer Program for Large and Small-Scale Production Sites	\$79,966
2020	IA03	Iowa State University	Develop, Pilot, and Implement Two National Training Programs to Help Build Personnel Capacity and Increase Efficiency during a FAD Outbreak	\$309,361
2020	KS01	Kansas Department of Agriculture	Kansas Animal Disease Preparedness	\$140,000
2020	KS02	Kansas Department of Agriculture	Regional Approach to the Continuity of Business Planning for the Beef Industry	\$86,970
2020	KSU02	Kansas State University	Secure Food Supply Permitting Exercise for the High Plains Region	\$75,801
2020	KSU03	Kansas State University	Kansas Foreign Animal Disease Regional Tabletop Exercises for Local Jurisdictions	\$65,152
2020	LA01	Louisiana Department of Agriculture and Forestry	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$107,046
2020	MN01	Minnesota Department of Agriculture	Swine Cold Weather Depopulation and Disposal Training and Exercise	\$133,954

Award Year	NADPRP ID	Recipient	Title	Award
2020	MO01	Missouri Department of Agriculture	Missouri Ag Disease Preparedness & Response Capability Building	\$30,010
2020	MS02	Mississippi Board of Animal Health	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$28,538
2020	MT02	Montana Department of Agriculture	Captive Bolt Euthanasia Training for Responders	\$25,371
2020	NC01	North Carolina Department of Agriculture & Consumer Services	C&D Investigation of Transporting Infected Carcasses Off-Farm	\$85,854
2020	NC02	North Carolina Department of Agriculture & Consumer Services	Pathogen Inactivation in Large Scale Carcass Management by Composting	\$34,904
2020	NE01	Nebraska Department of Agriculture	Beef Supply Plan Development for Nebraska Cattlemen	\$212,600
2020	NY01	New York Department of Agriculture and Markets	New York State and Quarantine and Movement Control Training and Exercise	\$79,483
2020	OH02	Ohio Department of Agriculture	Emergency Management Training - Site Manager Training	\$11,731
2020	OH03	Ohio Department of Agriculture	Emergency Management Training - Case Manager Training	\$6,303
2020	OK01	Oklahoma Department of Agriculture, Food and Forestry	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$18,199
2020	OKS01	Oklahoma State University	A Rapidly Deployable Animal Disease and Livestock Disaster Communication and Education Network	\$49,522
2020	PA01	Pennsylvania Department of Agriculture	Capacity Building for Emerging and Foreign Animal Disease Preparedness in Pennsylvania	\$30,575
2020	TX01	Texas Animal Health Commission	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$97,356
2020	TXAM01	Texas A&M University	Online Training Program for FADDs to Respond to Foreign Animal Diseases and Emerging Disease Incidents	\$449,287
2020	TXAM02	Texas A&M University	Animal Disease Response Short Course: Agribusiness, Animal Handling, and Sample Collection	\$118,977
2020	TXAM04	Texas A&M University	Tabletop Exercise: Vaccine Program Preparedness and Implementation	\$166,088
2020	UCA02	University of California, Davis	Preparation and Response to Catastrophic Animal Disease: Removing Critical Obstacles to Readiness in Western States	\$562,910
2020	UDE01	University of Delaware	Strengthening Local, Regional, and National Emergency Poultry Disease Response	\$257,494
2020	UIL01	University of Illinois	Animal Disease Training and Exercises Across the Veterinary Educational Spectrum (AD-TEAVES)	\$429,835

Award Year	NADPRP ID	Recipient	Title	Award
2020	UME01	University of Maine	Carcass Management Preparedness Train the Trainer Program for Animal Ag Sector Responders	\$260,449
2020	WASU01	Washington State University	Online Education Program to Enhance Rapid Responses to Disease Outbreaks and/or Animal Related Incidents Pertaining to Fairs, Exhibitions or Facilities	\$316,077
2020	WI01	Wisconsin Department of Agriculture, Trade and Consumer Protection	Public-Private Partnership in Animal Disease Outbreak	\$158,014
2020	WVA01	West Virginia Department of Agriculture	Foreign Animal Disease Southern Ag Functional Exercise (FAD SAFE)	\$103,876

## 2021

2021	AR01.20	Arkansas Department of Agriculture	Arkansas Based Mission Ready Depopulation and Carcass Disposal Package and Team	\$133,811
2021	CA01.20	University of California, Davis	Capacity Building Using Train-The-Trainer Approach to Improve Biosecurity and Reduce Disease Spread in Small-Scale and Backyard Livestock and Poultry Premises	\$397,409
2021	CA02.20	California Department of Food and Agriculture	California Secure Food Supply Program Expansion	\$348,531
2021	GA01.20	Georgia Department of Agriculture	Enhancement of Large-Scale Animal Depopulation and Disposal Capabilities in Georgia	\$365,181
2021	GA02.20	Georgia Department of Agriculture	Statewide Livestock Biosecurity Enhancement for Georgia	\$208,214
2021	IA02.20	Iowa State University	Exploring Heat Treatment for Swine Facilities to Conduct Virus Elimination and Increase Mass Carcass Disposal Options	\$194,248
2021	IA03.20	Iowa State University	Biosecurity Courses for Veterinary Audiences to Increase Implementation of Practical Measures to Protect Animal Health	\$393,097
2021	IA04.20	Iowa State University	Daily Biosecurity and Organic/Non-Conventional Livestock Production: Increasing Awareness of Producers and the Animal Health Partners Who Serve Them	\$276,820
2021	IA05.20	American Association of Swine Veterinarians	Develop and Deliver National Education Resources for the Practical Implementation of Large-Scale Swine Depopulation Methods	\$86,752
2021	IL01.20	University of Illinois	Assessing and Improving Biosecurity Knowledge and Practices Among Illinois Swine and Beef Cattle Producers and Veterinarians	\$422,861
2021	IN01.20	Indiana Board of Animal Health	Old Hog, New Tricks: Increasing Indiana's Capacity for Timely and Humane Mass Euthanasia of Swine	\$331,710
2021	KS01.20	Kansas Department of Agriculture	Building Capacity of Livestock Compost Subject Matter Experts	\$119,443
2021	KS02.20	Kansas State University	Livestock Biosecurity Planning Toolkit for Fairs and Exhibitions	\$199,340

Award Year	NADPRP ID	Recipient	Title	Award
2021	KS03.20	Kansas State University	Biosecurity for Cattle Operations: Quantitative Risk Estimation of FMD Transmission Following Cattle Movements During an Outbreak	\$166,810
2021	KY01.20	Kentucky Department of Agriculture, Agricultural Marketing & Product Promotion	Strengthening Kentucky's Emergency Preparedness and Livestock and Poultry Biosecurity	\$236,017
2021	MN01.20	Minnesota Department of Agriculture	The Utilization of Livetec Systems Nitrogen Foam Delivery System for the Rapid, Large-Scale Depopulation of Swine	\$454,991
2021	MN02.20	University of Minnesota	Knowledge, Attitude and Practices Regarding Implementation of Enhanced Biosecurity Measures Among MN Swine Producers	\$184,305
2021	MN03.20	University of Minnesota	Managing the Terminal and Transfer Movements of Animals from FAD-vaccinated Populations in a Disease Emergency	\$237,304
2021	MN04.20	University of Minnesota	Adapting High Expansion Foam for Use in American Systems for Mass Depopulation and On-Farm Culling	\$500,469
2021	MN05.20	University of Minnesota	Closing the Loop: Is Land Application of Carcass Compost Safe and Productive for Cropping Systems in Northern Climates?	\$182,884
2021	MO01.20	Missouri Department of Agriculture	Missouri Ag Disease Preparedness & Response Capability Building	\$84,150
2021	MO02.20	Missouri Department of Agriculture	Missouri Dept of Ag (MDA) Progressive Depopulation and Disposal Training and Exercise Project	\$306,339
2021	MO03.20	University of Missouri	Enhancing On-Farm Biosecurity and Animal Composting Education and Collaboration	\$168,106
2021	MS01.20	Mississippi Board of Animal Health	Strengthening Biosecurity of Livestock Operations Through Integrated Field Training	\$51,121
2021	MS02.20	Mississippi Board of Animal Health	Enhancing the Capacity and Capability of Preventing and Responding to Depopulation and Disposal Events	\$99,337
2021	MT01.20	Montana Department of Agriculture	Biosecurity Education for Montana's Cattle Industry	\$29,540
2021	NC01.20	North Carolina State University	Combining Standardized On-Farm Biosecurity Plans with Animal Movement Data in a User-Friendly Rapid Access Biosecurity Management Tool: A Multistate Study	\$182,301
2021	NC02.20	North Carolina Department of Agriculture & Consumers Services	7th International Symposium on Animal Mortality Management	\$172,175

Award Year	NADPRP ID	Recipient	Title	Award
2021	NE01.20	Nebraska Department of Agriculture	Nebraska Euthanasia Plan and Equipment Acquisition for Swine and Enhance Supply Inventory for Poultry Response	\$159,500
2021	NM01.20	New Mexico State University	Development of a Regional and International Response to a High Consequence Mortality Event Requiring Carcass Disposal	\$270,008
2021	NY01.20	New York Department of Agriculture and Markets	NYS Local Carcass Composting for High-Consequence Animal Disease Outbreak Response	\$128,130
2021	NY02.20	New York Department of Agriculture and Markets	New York State Cattle Health Assurance Program Continuity of Business	\$80,218
2021	OH01.20	The Ohio State University	Effective Livestock Disposal Under Mass Depopulation - Addressing Alternatives and Training for Occurrence	\$206,110
2021	OH02.20	The Ohio State University	Tick Tock: Identifying and Addressing Gaps in Biosecurity Training Against the Rapid Expansion of Invasive Ticks	\$56,052
2021	OH03.20	The Ohio State University	Effective Swine and Cattle Depopulation Practices - Evaluating Options and Addressing Species-Based Training Needs	\$191,961
2021	OH04.20	The Ohio State University	Facilitating the Implementation of Secure Pork Supply Plans	\$19,621
2021	OK01.20	Oklahoma State University	Level of Infectious Virus in Decomposing Tissues Under Simulated Environmental Conditions	\$112,111
2021	OK02.20	Oklahoma State University	Determining the State of Biosecurity Knowledge and Implementation Among Beef Cattle Producers	\$128,375
2021	PA05.20	Pennsylvania State University	Emergency Grinding and Compost Training and Education for Regional Industry Stakeholders	\$171,784
2021	TX01.20	Prairie View A&M University	Advancing Animal Biosecurity Awareness and Education for Underserved Producers	\$150,000
2021	TX04.20	Texas A&M University	Decision Support Tool for the Evaluation of Centralized Carcass Disposal During an African Swine Fever Outbreak	\$109,476
2021	UT01.20	Utah Department of Agriculture and Food	Ventilation Shutdown Plus Heat Proof-Of-Concept, Training, and SOP Development in a Turkey Facility	\$11,379
2021	VA01.20	National Milk Producers Federation	Advancing On-Farm Everyday and Enhanced Biosecurity with U.S. Dairy Farmers Through the National Dairy Farm Program	\$488,603
2021	VT01.20	University of Vermont & State Agricultural College	Secure Food Supply-New England Style	\$263,716
2021	WI01.20	Wisconsin Department of Agriculture, Trade and Consumer Protection	Mobile CO2 Swine Depopulation Unit for Market Weight Hogs - Design, Fabrication and Testing	\$188,812

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2021	WI02.20	Wisconsin Department of Agriculture, Trade and Consumer Protection	Building a Culture of Biosecurity	\$53,385

## 2022

2022	AZ01.21	Arizona Department of Agriculture	Mitigation of Economic Loss Within the Arizona Cattle and Swine Industries Secondary to a Transboundary FAD Outbreak Through Efficient Implementation of Vaccine Delivery	\$234,911
2022	CA02.21	University of California, Davis	California Community College Program Expansion: California Secure Food Supply (SFS) Enhanced Biosecurity Plans	\$502,156
2022	DE01.21	University of Delaware	Closing the Gaps: Improving Animal Disease Mitigation, Identification and Response Knowledge of Private Veterinary Practitioners and Small Flock Owners and Training the Next Generation of Emergency Disease Response Professionals	\$236,609
2022	GA01.21	Georgia Department of Agriculture	Enhancing Georgia's FAD Response Capabilities TEP Part III - Animal Movement and Continuity of Business	\$195,346
2022	GA02.21	Georgia Department of Agriculture	Enhancing Georgia's FAD Response Capabilities TEP Part II - Vaccination	\$252,101
2022	IA02.21	Iowa State University	Cleaning and Disinfection 101: On-Line Educational Training and Tools for Animal Health Professionals	\$264,110
2022	IA05.21	Iowa State University	Biosecurity Your Way: Guided Assessment and Planning for Beginning Farmers, Non-Traditional Farmers, and New Farm Employees	\$239,563
2022	IA06.21	Iowa State University	Framework for Interstate Movement Decisions During a Foot-and-Mouth Disease Outbreak	\$504,563
2022	IL01.21	University of Illinois	Animal Disease Training and Exercises Across the Veterinary Educational Spectrum (AD-TEAVES) Two	\$494,931
2022	KS01.21	Kansas Department of Agriculture	Implementation and Communication of the Foot-and-Mouth Disease Vaccination Plan	\$63,232
2022	KS02.21	Kansas State University	FMD Transmission Risk of Cattle Movements to and From Auction Markets - Quantitative Risk Assessment and Development of an Online Risk Calculator	\$201,841
2022	MD01.21	Maryland Department of Agriculture	Mobile Education and Outreach Trailer	\$126,678
2022	MI01.21	Michigan Department of Agriculture and Rural Development	Improving Processes for Issuing Movement Permits During an African Swine Fever Response	\$195,098
2022	MN02.21	University of Minnesota	Modernizing the Secure Supply Plans: Using a Scientific Approach, Team Science, and Current Data to Provide Updated Risk Estimations Before the Next Outbreak	\$272,696

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2022	MN03.21	University of Minnesota	Risk Assessment of Fish Movements from Great Lakes Region Fish Farms and Hatcheries to Natural Waters or Other Premises During a Viral Hemorrhagic Septicemia Outbreak	\$329,296
2022	MO01.21	University of Missouri	Enhancing U.S. Swine Industry Readiness to Foreign Animal Disease at All Production Levels in Missouri by Combining Standardized On-Farm Biosecurity Plans and Animal Movement in a Data Management Tool	\$271,730
2022	NAT01.21	American Sheep Industry Association	Developing Movement Decision Criteria and Exercising Movement Plans for Livestock Grazing Public Land Allotments in and Around FAD Control Areas Through Collaboration with Industry, State, and Federal Partners	\$185,105
2022	NAT02.21	American Association of Equine Practitioners	Increased Biosecurity and Disease Prevention for the Horse Industry	\$176,960
2022	NC01.21	North Carolina State University	Developing a Tool for Standardization for Cataloging, Reviewing, and Approving of Secure Beef Supply Plans of Producers on Different Types of Operations in Kansas	\$407,278
2022	NC02.21	North Carolina State University	Descriptive Analysis of Multiple Swine Movement Networks and the Development of a Network Model to Estimate the Impacts of Movement Restrictions Under the National African Swine Fever Response Plan	\$312,012
2022	NE01.21	Nebraska Department of Agriculture	Nebraska FMD Vaccination Plan	\$97,000
2022	NM01.21	New Mexico State University	Protect the Herd - Enhancing New Mexico's Response to a FAD Event Through Vaccination Planning and Training	\$220,270
2022	OH01.21	The Ohio State University	Building Blue Ribbon Preparedness for Foreign Animal Disease Outbreak Response Among the Show Pig Industry	\$185,504
2022	OR01.21	Oregon Department of Agriculture	Real Time Data Interchange for Disease Response and Movement Permitting	\$62,722
2022	OR02.21	Oregon Department of Agriculture	Evaluation, Enhancement, and Socialization of a Comprehensive Statewide Animal Disease Response Plan	\$72,349
2022	OR03.21	Oregon Department of Agriculture	Development of a Statewide Cross-Sector Secure Food Supply Program	\$152,896
2022	SC01.21	Clemson University	Animal and Agricultural Emergency Preparedness Regional Group Meeting (aka Regional Ruckus)	\$143,447
2022	TN01.21	Tennessee Department of Agriculture	Emergency Preparedness Outreach to Tennessee Livestock Producers Through the Creation of Biosecurity Video Resources and Encouragement of Premise Identification Registration	\$258,945
2022	TX01.21	Texas A&M University	Outreach and Education Program Development on Animal Mortality Preparedness and Response in the State of Texas	\$147,719
2022	TX02.21	Texas Animal Health Commission	Producer Education and Plan Implementation of Secure Food Supply Plans in Texas	\$99,501
2022	TX03.21	Texas A&M University	Microbial Evaluation of Poultry Farm Pathogen Interventions to Improve Biosecurity	\$116,809

Award Year	NADPRP ID	Recipient	Title	Award
2022	TX06.21	Texas A&M University	Poultry Agribusiness Training for Development of an Enhanced Emergency Preparedness Infrastructure Partnership Between the US Commercial Poultry Industry and Animal Health Officials	\$168,166
2022	WA01.21	Washington State Department of Agriculture	Carcass Management Preparedness Train the Trainer Programs for Animal Ag Sector Responders in the Northwest	\$194,366
2022	WI01.21	University of Wisconsin	Development of a Bovine Germplasm Movement Plan (BGMP) to Maintain Interstate Movement of Bovine Germplasm and High Genomic Merit Cattle in the Event of a Foot-and-Mouth Disease Outbreak	\$100,999
2022	WV01.21	West Virginia Department of Agriculture	West Virginia Animal Disease Preparedness and Response Enhancements	\$108,801

## 2023

2023	AL01.22	Alabama Department of Agriculture and Industries	Avian Influenza Preparedness: Enhancing Alabama Depopulation, Carcass Disposal, and Decontamination Capabilities	\$148,529
2023	AL02.22	Alabama Department of Agriculture and Industries	Developing Capacity of Livestock and Poultry Compost Subject Matter Experts	\$79,138
2023	AZ01.22	Arizona Department of Agriculture	Composting in the Southwest: Unique Challenges Posed by Arid Environments	\$218,050
2023	AZ01.23T	Southwest Indian Agricultural Association, Inc	Southwest Tribal Farmer/Rancher Animal Disease Response Outreach and Education Program	\$97,413
2023	AZ03.22	Arizona Department of Agriculture	Improvement of Communications Capabilities for Depopulation and Carcass Disposal Events	\$87,707
2023	CA02.22	California Department of Food and Agriculture	California Livestock and Poultry Depopulation and Carcass Disposal Training and Exercise Project	\$478,069
2023	CO02.22	Colorado Department of Agriculture	Secure Beef Supply Plan Development for Colorado Feedlots	\$66,285
2023	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 and Design of a More Portable Foaming Unit	\$388,649
2023	FED01.22	USDA ARS	Characterizing the Major Histocompatibility Complexes of US Based Domestic Goats	\$291,305
2023	FL01.22	Florida Department of Agriculture	New World Screwworm (NWS) Readiness Response	\$32,841
2023	HI01.22	Hawai'i Department of Agriculture	Improvement of Carcass Disposal and Decontamination Capabilities for Small Scale Producers in Hawai'i	\$67,945
2023	IA01.22	Iowa Department of Agriculture	Expand, Enhance and Deliver Training to Veterinarians Through the Iowa Foreign Animal Disease Defense Program	\$107,362

Award Year	NADPRP ID	Recipient	Title	Award
2023	IA02.22	Iowa State University	Improving the Efficiency of Cattle Handling for Mass Depopulation Procedures in Animal Health Emergencies	\$1,312,299
2023	IA04.22	Iowa State University	Identify, Prevent, and Protect: Producer Biosecurity for Foreign Animal Diseases	\$372,290
2023	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
2023	IA07.22	Iowa State University	Improving Deployment of Plastic Silo Bags for Foreign Animal Disease Outbreaks	\$255,315
2023	ID01.22	Idaho Department of Agriculture	Enhancement of Large-Scale Depopulation and Disposal Capabilities in a Disease Outbreak in Idaho: Phase I-Avian Focus	\$158,271
2023	IN01.22	Purdue University	Improving Disease Preparedness Among Small-Scale Poultry Owners	\$412,062
2023	KS02.22	Kansas State University	Auction Market Biosecurity and Risk Mitigation for FMD	\$71,366
2023	KS04.22	Kansas State University	Land Grant Institution Foreign Animal Disease Tabletop Exercises	\$80,961
2023	KS06.22	Kansas State University	Longitudinal Surveillance and Biosecurity Practice in an FMD Outbreak	\$192,047
2023	MD01.22	Maryland Department of Agriculture	Biosecurity Rapid Response Mobile Decontamination/Disinfection Gate for Animal Disease Outbreaks	\$83,148
2023	ME02.22	University of Maine	Carcass Management Training for Foreign Animal Disease Events	\$400,802
2023	MI01.22	Michigan Department of Agriculture and Rural Development	National Incident Command System Capacity Advancement	\$829,114
2023	MN11.22	University of Minnesota	Evaluating Risk of Moving Segregated Processed Eggs from Infected Premises to Sites Without Susceptible Species	\$236,388
2023	MN12.22	University of Minnesota	Risk Assessment for the Movement of Duck Hatching Eggs from a Farm Out of, in to, or Within an HPAI Control Area	\$391,852
2023	MN13.22	University of Minnesota	Targeted Learning Modules for the Poultry Industry on Highly Pathogenic Avian Influenza	\$152,805
2023	MS01.22	Mississippi Board of Animal Health	Development of a Statewide Cross-Sector Biosecurity Program	\$325,169
2023	NAT02.22	American Sheep Industry Association	Outreach About FMD Preparedness and the Secure Sheep & Wool Supply	\$180,616
2023	NAT03.22	National Cattlemen's Beef Association	Developing Outreach to US Beef Producers, Veterinarians & Transporters	\$445,396
2023	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	\$244,724

Award Year	NADPRP ID	Recipient	Title	Award
2023	NC02.22	North Carolina State University	Standardized On-Farm Biosecurity Poultry Producers Plans in a User-Friendly Management Tool for Pennsylvania	\$537,193
2023	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	\$428,694
2023	ND01.22	North Dakota State University	Emergency Response Preparedness for Foreign Animal Diseases and Mass Livestock Mortalities in North Dakota	\$217,138
2023	NM01.23T	Indian Nations Conservation Alliance	Indian Nations Conservation Alliance Outreach and Training Animal and Plant Disease Preparedness and Response to New Mexico, Montana, and Wyoming Tribal Nations	\$100,000
2023	NY02.22	New York Department of Agriculture and Markets	NYS Egg Disposal Project	\$66,626
2023	OH01.22	The Ohio State University	Defending the Flock with Prevention, Preparedness, and Response Education for Backyard and Exhibition Poultry Producers	\$193,018
2023	OH02.22	The Ohio State University	Improving Awareness and Accessibility of Practical and Effective Depopulation Methods	\$476,870
2023	OH03.22	The Ohio State University	Capturing Swine Movements: What Have We Been Missing?	\$203,370
2023	OH04.22	The Ohio State University	Proceed: Puerto Rico Contra Enfermedades Emergentes de Cerdos (Protecting PR Against Swine Emerging Disease)	\$221,528
2023	OK01.22	Oklahoma State University	Evaluation of Thermal Treatment Protocols to Inactivate Veterinary Viruses in Field Simulated Conditions	\$112,896
2023	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
2023	RI01.22	Rhode Island Division of Agriculture and Forest Environment	Secure Food Supply Plans in New England Animal Ag: Gap Analysis and Strategies for Improvement in Small-Farm Security	\$80,306
2023	SC01.22	Clemson University	South Carolina Subject Matter Expert Mass Animal Mortality Management Training	\$85,648
2023	SC03.22	Clemson University	Enhance the Capacity and Capability of Responding to Depopulations Events in South Carolina and Southeastern States	\$482,498
2023	SD01.22	South Dakota Animal Industry Board	Increasing Capacity for Timely and Humane Depopulation of Swine and Poultry in South Dakota	\$620,000
2023	SD01.23T	InterTribal Buffalo Council	Combating Mycoplasma Bovis Outbreaks Through a Better Understanding of the Relationship to Stressor Events and Establishment of a Tribal Buffalo Biosecurity Protocol	\$345,500
2023	TX04.22	Texas A&M University	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	\$306,040

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2023	TX08.22	Texas A&M University	Producer FAD Prevention and Response Certificate Training Program	\$183,809
2023	TX10.22	Texas A&M University	On-Demand Training for Foreign Animal Disease Diagnosticians for Animal Disease Response	\$499,496
2023	TX13.22	Texas A&M University	Pilot Decontamination Training and Certification Program for Farmworkers	\$193,639
2023	VA01.22	Virginia Department of Agriculture and Consumer Services	Enhancing Virginia's FAD Response Through Plan Development and Exercise	\$132,432
2023	VT01.22	University of Vermont & State Agricultural College	Illustrating Answers to Hard Questions on FAD Preparedness	\$208,772
2023	WA01.22	Washington State Department of Agriculture	Foreign Animal Disease Mitigation and Response Preparedness Exercise Series	\$326,057
2023	WA02.22	Washington State Department of Agriculture	Development of a Western States Ag Mitigation and Response Consortium	\$178,068
2023	WA03.22	Washington State Department of Agriculture	WA Enhanced Biosecurity Plan Development Continuation Project - Secure Beef Supply Focus	\$41,533
2023	WA05.22	Washington State University	Avoiding a Foreign Animal Disease House of Cards: Stacking the Deck in Favor of Small Ruminant Disease Prevention, Preparedness, and Response	\$235,488
2023	WI01.22	Wisconsin Department of Agriculture, Trade and Consumer Protection	Catastrophic Animal Mortality Planning	\$59,357
2023	WI02.22	Wisconsin Department of Agriculture, Trade and Consumer Protection	Enhancing Wisconsin's Foreign Animal Disease Response Capabilities	\$101,099
2023	WV01.22	West Virginia Department of Agriculture	Animal Movement During 72-hour National Standstill and Transitioning to EMRS Permitting	\$52,012

## 2024

2024	AL01.24	Alabama Department of Agriculture and Industries	Developing Capacity of Poultry Compost Subject Matter Experts Among Industry and Extension Partners	\$78,639
2024	AL02.24	Auburn University	Simple and Easy-to-Use Point-of-Care that Allows for Rapid Detection of <i>Aeromonas hydrophila</i> , <i>A. veronii</i> , and <i>A. sobria</i>	\$320,037
2024	AZ01.24	Arizona Department of Agriculture	Foreign Animal Disease Preparedness for Whole of Community Response in Arizona	\$37,161
2024	AZ01.24T	Southwest Indian Agricultural Association, Inc	Southwest Tribal Farmer/Rancher Animal Disease Response Outreach and Education Program	\$99,150

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2024	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
2024	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
2024	CA03.24	University of California, Davis	Workforce Development in On-Farm Biosecurity Through Work-Based Learning for Community College Students	\$498,985
2024	CO01.24	Colorado Department of Agriculture	Agriculture Incident Safety Officer (AGI-SOFR) Training Curriculum Development	\$95,251
2024	CO03.24	Colorado State University	Poultry Health, Biosecurity and Preparedness Across Borders: A Tri-State & Navajo Nation Initiative	\$574,608
2024	CO05.24	Colorado State University	Exploring Incentives for Beef Industry Participation in Foot-and-Mouth Disease Preparedness	\$267,638
2024	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
2024	DE01.24	University of Delaware	Implementing the Lessons Learned from the 2022-2023 Delmarva HPAI on Farm Response: Managing On-Site Mortality	\$310,998
2024	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
2024	IA02.24	Iowa State University	Tools and Resources to Help U.S. Aquaculture Farms with Disease Risk Assessment and Biosecurity Plan Development	\$267,928
2024	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
2024	IA04.24	Iowa State University	Enhancing Preparedness for Detecting Exotic Arthropods of Veterinary Importance in the United States	\$251,712
2024	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
2024	IA06.24	Iowa State University	Interactive Exercise Series Exploring Animal Movement Strategies in the Event of an FMDv Outbreak in the U.S.	\$213,077
2024	IA08.24	Iowa State University	Advancing Platform Vaccines for Use in Sheep and Goats	\$513,086
2024	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
2024	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

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2024	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
2024	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
2024	KS04.24	Kansas State University	Assessing the Effect of Current and Increased EID Adoption Percent on Cattle Traceability Success with a Focus on Beef Calves, Stocker and Feeder Cattle	\$185,909
2024	KY01.24	Kentucky Department of Agriculture, Agricultural Marketing & Product Promotion	Enhancing Biosecurity Practices at Shows and Fairs and Terminal Processing Facilities	\$332,619
2024	MD02.24	Maryland Department of Agriculture	3D Training for Regional Animal Agricultural Response Teams from the Mid-Atlantic Region	\$152,393
2024	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	\$85,662
2024	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
2024	MN01.24	Minnesota Department of Agriculture	Pilot Project for Continuing Education and Advancement of Compost SMEs	\$59,217
2024	MN02.24	Minnesota Department of Agriculture	Using Nitrogen for Whole House Gassing Depopulation Method for Floor-Raised Poultry and Laying Hens	\$578,048
2024	MN03.24	Minnesota Department of Agriculture	Working With County Emergency Managers During a Foreign Animal Disease Outbreak	\$75,000
2024	MN04.24	Minnesota Department of Agriculture	Examining Minnesota's Response Plan Relative to Livestock Markets in the Event of Foot-and-Mouth Disease (FMD)	\$21,778
2024	MN05.24	University Of Minnesota	Quantification of Influenza Virus Transfer During Different Biosecurity Protocols	\$456,282
2024	MO01.24	Missouri Department of Agriculture	Utilizing Livetec Systems Nitrogen Foam Delivery System for Rapid, Large-Scale Depopulation of Swine	\$231,144
2024	MO02.24	University of Missouri	Development of Carcass Disposal Plan and Stakeholders Training	\$179,981
2024	MT01.24	Montana Department of Livestock	Montana Communication and Stop Movement Plan	\$88,567
2024	NAT01.24	American Association of Swine Veterinarians	Training Stakeholders in the Certified Swine Sample Collector Training Program	\$257,552
2024	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	\$110,000

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2024	NAT06.24	National Institute for Animal Agriculture	Convening & Coalescing National Animal Disease Preparedness and Responses	\$78,750
2024	NAT07.24	National Milk Producers Federation	Biosecurity and SMS: Continuing to Build Resiliency in the Dairy Industry Through Education and Response Tools	\$633,741
2024	NAT08.24	National Milk Producers Federation	Gap Analysis and Recommendations for Implementing an FMD Diagnostic Assay Using Bulk Tank Milk	\$227,585
2024	NC01.24	North Carolina Department of Agriculture & Consumers Services	Enhancing Swine Movement Data Capture for Improved Disease Traceability	\$66,921
2024	NC02.24	North Carolina Department of Agriculture & Consumers Services	Enhancing North Carolina's ASF Response Capabilities in Feral Swine Populations	\$570,502
2024	NE01.24	Nebraska Department of Agriculture	Nebraska Emergency Preparedness	\$26,165
2024	NM01.24	New Mexico State University	ADPROS: Animal Disease Preparedness and Response Training for Law Enforcement Officers and Emergency Stakeholders	\$247,319
2024	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
2024	NY01.24	New York Department of Agriculture and Markets	2024 NYSCHAP Secure Food Supply	\$149,461
2024	OH02.24	The Ohio State University	Use What You Have! Everyday Solutions for Eliminating Foreign Animal Diseases on Swine Farms	\$322,197
2024	OH03.24	The Ohio State University	Continuing to Build Blue Ribbon Preparedness for Foreign Animal Disease Outbreak Response Among the Show Pig Industry	\$224,926
2024	OH04.24	The Ohio State University	Looking for the Silver Bullet for Upland Gamebird Outbreak Response	\$197,770
2024	OH05.24	The 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
2024	OK01.24	Oklahoma State University	Documenting Swine Ownership Among Indigenous and Non-Indigenous Citizens and Methods to Improve Local Containment of Swine Viral Outbreak	\$238,098
2024	OK01.24T	Muscogee Creek Nation	Baseline Disease Testing in Feral Swine on the Muscogee Creek Nation Reservation in Eastern Oklahoma	\$87,955
2024	OK02.24	Oklahoma State University	Assessing the Performance of Vaccine Adjuvants on Cellular and Humoral Responses to Viral Antigens in Sheep and Goats	\$238,731

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2024	PA02.24	Pennsylvania Department of Agriculture	Incident Command Staff Instructor-Led Virtual Training; ICS 300 and ICS 400	\$15,000
2024	SC02.24	Clemson University	Updating the Mid-Atlantic Secure Milk Supply Plan Project	\$358,532
2024	SC01.25	Clemson University	Secure Beef Supply Plan Development for South Carolina Beef Producers	\$173,520
2024	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
2024	TN03.24	Tennessee Department of Agriculture	Improving The Capability of Livestock Producers to Implement Biosecurity Programs	\$336,314
2024	TX01.24	Texas A&M University	Thermal Dehydration for Mass Disposal of Poultry Mortalities and Poultry Products	\$171,189
2024	TX04.24	Texas A&M University	Secure Milk Supply Dairy Biosecurity Program Evaluation and Implementation in the Texas and Eastern New Mexico Dairy Corridor	\$199,950
2024	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	\$146,577
2024	TX07.24	Texas A&M University	Tri-State Feedlot Readiness Assessment for FMD Prevention and Response	\$182,665
2024	UT01.24	Utah Department of Agriculture and Food	Utah Industry Engagement and Enhanced Preparedness for Foreign Animal Diseases	\$74,513
2024	VA01.24	Virginia Department of Agriculture and Consumer Services	Mobile Data Collection Platforms to Support Traceability and Emergency Response in Virginia	\$40,006
2024	VT01.24	University of Vermont & State Agricultural College	Secure Agriculture Farm Emergency Mapping App (SAFE mApp)	\$271,451
2024	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
2024	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	\$344,942
2024	WA02.24	Washington State University	Expansion, Revision, and Promotion of “Prepare2Respond” Online Fair Management and Volunteer Education Platform	\$191,924
2024	WA03.24	Washington State University	SFS to Prevent an SOS: Secure Food Supply Biosecurity Plans to the Rescue!	\$87,829
2024	WI01.24T	Forest County Potawatomi Community (FCPC)	FCPC Animal Disease Prevention and Preparedness for the Bodwéwadmí Ktëgan	\$89,097

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2024	WI02.24	Wisconsin Department of Agriculture, Trade and Consumer Protection	Increasing Wisconsin's Poultry Depopulation Capabilities	\$86,980
2024	WI03.24	Wisconsin Department of Agriculture, Trade and Consumer Protection	Enhancing Wisconsin's Disease Response Capabilities	\$63,445
2024	WI04.24	Wisconsin Department of Agriculture, Trade and Consumer Protection	Compost & Equipment Training for Mortality Management	\$56,076
2024	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
2024	WV03.24	West Virginia Department of Agriculture	WV Enhancement of 3D Capabilities	\$165,984
2024	WY01.24	Wyoming Livestock Board	Implementation of a Sustainable Electronic Traceability System at a Wyoming Livestock Market	\$156,795