

## Farmed Cervid Chronic Wasting Disease Management and Response Activities 2024 **Cooperative Agreements**

2024 Spending Plan

September 2024

## 2024 Spending Plans for the Farmed Cervid Chronic Wasting Disease Management and Response Activities 2024 Cooperative Agreements

USDA APHIS Veterinary Services (VS) is awarding \$6,045,215 through 30 Cooperative Agreements to 17 State departments of agriculture and 5 universities. The funded projects listed below will allow recipients to further develop and implement CWD management, response, and research activities in farmed cervids, including surveillance and testing, and include projects that propose to research the application of, or implement, whole genome predictive genetics CWD management plans.

Farmed Cervid Management Projects			
Project Title	Entity	Funding Amount	
Assessing Paramagnetic Nanoparticles for Improved	University of Minnesota	\$114,572	
CWD Detection			
Establishing a Prion Reduction Plan For a CWD-	Texas A&M	\$249,820	
Positive Deer Farm in Frio County Texas			
Establishing a Prion Reduction Plan For a CWD-	Texas A&M	\$205,913	
Positive Deer Farm in Sutton County Texas			
Initiating Predictive Genetics for Chronic Wasting	Texas A&M	\$113,975	
Disease Resistance in Mule Deer			
Screening of strain-specific anti CWD prion	University of Texas Houston	\$244,977	
molecules			
Deploying Predictive Genetics for Chronic Wasting	Texas A&M	\$222,335	
Disease Resistance in Farmed Elk			
Hapten-mediated and DNA-barcoded signal	Louisiana State University	\$247,695	
amplification for enhanced immunohistochemical			
detection of CWD prion protein			
Further Expanding Outreach to Cervid Farmers and	Iowa State University	\$235,410	
Veterinarians in States Participating in USDA's CWD			
Herd Certification Program			
Increasing the efficacy of Illinois' Chronic Wasting	Illinois Department of	\$66,486	
Disease (CWD) Certification Program and improving	Agriculture		
management and disease surveillance of farmed			
cervid herds by training producers in the collection			
and submission of satisfactory samples for CWD			
testing			
Detection and Decontamination of CWD Prions on	University of Minnesota	\$118,925	
Chemically Aged Steel Surfaces			
Indiana farmed white-tailed deer herd management	Indiana Board of Animal	\$181,362	
utilizing predictive genetics	Health		
Iowa farmed white-tailed deer herd management	Iowa Department of	\$82,470	
utilizing predictive genetics	Agriculture and Land		
	Stewardship		

North Dakota farmed white-tailed deer herd	North Dakota Department	\$100,357
management utilizing predictive genetics	of Agriculture	642.070
West Virginia Farmed White-tailed Deer Herd Testing Utilizing Predictive Genetics	West Virginia Department of Agriculture	\$13,978
	· ·	¢170.077
Assessment of CWD Risks to Cervid Farms from	University of Minnesota	\$170,877
Wildlife Scavengers  Mantana GWD Management and Response for	Mantana Danartmant of	\$205,616 <sup>i</sup>
Montana CWD Management and Response for CWD-Affected Alternative Livestock Herds	Montana Department of Livestock	\$205,010
		¢240.052
Enhancing herd health by leveraging predictive	Illinois Department of	\$249,952
genetics in farmed white tail deer in Illinois	Agriculture	¢225.000
CWD Information Management System	Pennsylvania Department of Agriculture	\$235,000
Genomic Predictions for Selective Breeding to	Alabama Department of	\$173,880
Reduce Susceptibility to Chronic Wasting Disease	Agriculture and Industries	
(CWD) in Farmed White-tailed Deer (Odocoileus		
virginianus) farms participating in the Alabama		
Department of Agriculture and Industry's CWD		
Monitoring Program		
Kentucky farmed white-tailed deer herd	Kentucky Department of	\$186,682
management utilizing predictive genetics	Agriculture	
Depopulation Activities and Indemnification as a	Pennsylvania Department of	\$500,000 <sup>i</sup>
Control Measure for CWD in Pennsylvania Captive	Agriculture	
Cervids		
South Dakota White Tailed Deer Herd Improvement	South Dakota Animal	\$46,875
Proposal Through Predictive Genetics	Industry Board	
Genomic Predictions for Selective Breeding to	Louisiana Department of	\$52,500
Reduce Susceptibility to Chronic Wasting Disease	Agriculture	
(CWD) in Farmed White-tailed Deer (Odocoileus		
virginianus) farms participating in the Louisiana		
Department of Agriculture and Forestry's CWD Herd		
Certification Program (HCP)		
Reducing Michigan farmed white-tailed deer herd	Michigan Department of	\$250,000
CWD susceptibility using predictive genetics	Agriculture and Rural	
	Development	
CWD Epidemiology Support and Genetic		\$249,417
CWD Epidemiology Support and Genetic Improvement Plan	Development	\$249,417
Improvement Plan  Depopulation of future CWD Infected herd/s in the	Development Ohio Department of	\$249,417 \$443,586 <sup>i</sup>
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota	Development Ohio Department of Agriculture	
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of	
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture	\$443,586 <sup>1</sup> \$215,930
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation  North Carolina captive cervid white-tailed deer herd	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture North Carolina Department	\$443,586 <sup>i</sup>
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture North Carolina Department of Agriculture and Consumer	\$443,586 <sup>1</sup> \$215,930
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation  North Carolina captive cervid white-tailed deer herd management utilizing predictive genetics	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture North Carolina Department of Agriculture and Consumer Services	\$443,586 <sup>i</sup> \$215,930 \$122,908
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation  North Carolina captive cervid white-tailed deer herd management utilizing predictive genetics  Michigan farmed white-tailed deer herd	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture North Carolina Department of Agriculture and Consumer Services Michigan Department of	\$443,586 <sup>i</sup> \$215,930
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation  North Carolina captive cervid white-tailed deer herd management utilizing predictive genetics  Michigan farmed white-tailed deer herd management utilizing predictive genetics in CWD	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture North Carolina Department of Agriculture and Consumer Services Michigan Department of Agriculture and Rural	\$443,586 <sup>i</sup> \$215,930 \$122,908
Improvement Plan  Depopulation of future CWD Infected herd/s in the state of Minnesota  Optimizing herd management and CWD prevention through predictive genetics implementation  North Carolina captive cervid white-tailed deer herd management utilizing predictive genetics  Michigan farmed white-tailed deer herd	Development Ohio Department of Agriculture Minnesota Board of Animal Health Missouri Department of Agriculture North Carolina Department of Agriculture and Consumer Services Michigan Department of	\$443,586 <sup>1</sup> \$215,930 \$122,908

Oklahoma farmed white-tailed deer herd	Oklahoma Department of	\$130,717"
management utilizing predictive genetics	Agriculture, Food, and	
	Forestry	
	Total	\$6,045,215

 $<sup>^{\</sup>rm i}$  These awards include indemnity funds for the removal of CWD-positive or -exposed animals.  $^{\rm ii}$  Noncompetitively awarded using declined funds.