



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

North Dakota farmed white-tailed deer herd management utilizing predictive genetics	North Dakota Department of Agriculture	\$100,357
West Virginia Farmed White-tailed Deer Herd Testing Utilizing Predictive Genetics	West Virginia Department of Agriculture	\$13,978
Assessment of CWD Risks to Cervid Farms from Wildlife Scavengers	University of Minnesota	\$170,877
Montana CWD Management and Response for CWD-Affected Alternative Livestock Herds	Montana Department of Livestock	\$205,616 <sup>i</sup>
Enhancing herd health by leveraging predictive genetics in farmed white tail deer in Illinois	Illinois Department of Agriculture	\$249,952
CWD Information Management System	Pennsylvania Department of Agriculture	\$235,000
Genomic Predictions for Selective Breeding to Reduce Susceptibility to Chronic Wasting Disease (CWD) in Farmed White-tailed Deer ( <i>Odocoileus virginianus</i> ) farms participating in the Alabama Department of Agriculture and Industry's CWD Monitoring Program	Alabama Department of Agriculture and Industries	\$173,880
Kentucky farmed white-tailed deer herd management utilizing predictive genetics	Kentucky Department of Agriculture	\$186,682
Depopulation Activities and Indemnification as a Control Measure for CWD in Pennsylvania Captive Cervids	Pennsylvania Department of Agriculture	\$500,000 <sup>i</sup>
South Dakota White Tailed Deer Herd Improvement Proposal Through Predictive Genetics	South Dakota Animal Industry Board	\$46,875
Genomic Predictions for Selective Breeding to Reduce Susceptibility to Chronic Wasting Disease (CWD) in Farmed White-tailed Deer ( <i>Odocoileus virginianus</i> ) farms participating in the Louisiana Department of Agriculture and Forestry's CWD Herd Certification Program (HCP)	Louisiana Department of Agriculture	\$52,500
Reducing Michigan farmed white-tailed deer herd CWD susceptibility using predictive genetics	Michigan Department of Agriculture and Rural Development	\$250,000
CWD Epidemiology Support and Genetic Improvement Plan	Ohio Department of Agriculture	\$249,417
Depopulation of future CWD Infected herd/s in the state of Minnesota	Minnesota Board of Animal Health	\$443,586 <sup>i</sup>
Optimizing herd management and CWD prevention through predictive genetics implementation	Missouri Department of Agriculture	\$215,930
North Carolina captive cervid white-tailed deer herd management utilizing predictive genetics	North Carolina Department of Agriculture and Consumer Services	\$122,908
Michigan farmed white-tailed deer herd management utilizing predictive genetics in CWD affected herds	Michigan Department of Agriculture and Rural Development	\$613,000 <sup>i</sup>

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

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<sup>i</sup> These awards include indemnity funds for the removal of CWD-positive or -exposed animals.

<sup>ii</sup> Noncompetitively awarded using declined funds.