

AG Research Grant Awards

			FY19/20	FY20	Total		
Contract #	Grant Recipient	Project Title			Award	Fund	Budget Line
44144949	Penn State University	PA Agricultural Resource Centers	\$300,000.00	\$300,000.00	\$600,000.00	1051600000	Agricultural Research
44176829	Penn State University	AG Law Center	\$100,000.00	\$100,000.00	\$200,000.00	1051600000	Agricultural Research
44198905	Rodale Institute	FY19 & FY20 Appropriation	\$500,000.00	\$500,000.00	\$1,000,000.00	1051600000	Agricultural Research
44187356	Penn State University	2019-2020 Pennsylvania Farm Conservation Practices Inventory: Documenting and Reporting Practices to the	\$180,000.00		\$180,000.00	1051600000	Agricultural Research
C9400000035	Think and Grow Farms	Think and Grow Farms in York PA	\$136,950.00		\$136,950.00	1051600000	Agricultural Research
C9400000022	PASA	Building Soil Health & Climate Resilience through On-Farm Citizens Science	\$73,683.00		\$73,683.00	1051600000	Agricultural Research
C9400000036	Temple University	Furthing computational approaches to model the spotted lanternfly invasion and economic impacts	\$145,634.00		\$145,634.00	1051600000	Agricultural Research
C9400000060	Western PA Conservancy	PDA Research Grant 2019 Bees of Barrens Habitats	\$41,268.00		\$41,268.00	1051600000	Agricultural Research
C9400000061	Penn State University	Spotted lanternfly host preference and impacts on ornamental trees	\$89,394.00		\$89,394.00	1051600000	Agricultural Research
C9400000080	PASA	Improving Farm Viability through Collaborative Financial Benchmarking	\$71,268.00		\$71,268.00	1051600000	Agricultural Research
C9400000079	Temple Univ	Investigating the role of invasive plants on the prevalence of lyme disease in PA	\$48,161.00		\$48,161.00	1051600000	Agricultural Research
C9400000082	Penn State University	Predicting pollinator responses to climate change	\$102,714.00		\$102,714.00	1051600000	Agricultural Research
C9400000081	Penn State University	Evaluating Bio Pesticides against Spotted Lanternfly	\$64,918.00		\$64,918.00	1051600000	Agricultural Research
C9400000084	Penn State University	Use of IMT-504 to develop a novel in ovo vaccine against highly Pathogenic Avian Influenza (HPAI) H5 virus	\$49,995.00		\$49,995.00	1051600000	Agricultural Research
C9400000090	University of Pennsylvania	Temporal dynamics of virulence evolution in Cattle Salmonella Serotypes in PA: Implications to Animal and Public Health	\$29,700.00		\$29,700.00	1051600000	Agricultural Research
C9400000085	Penn State University	Investigating the use of RB51 Brucella abortus vaccine in PA cattle, and the prevalence of shedding of the vaccine in milk	\$28,500.00		\$28,500.00	1051600000	Agricultural Research
C9400000091	University of Pennsylvania	A retrospective analysis of fatal West Nile virus encephalitis in Pennsylvania horses from 2009-2019 and correlation with climate, human, and avian disease	\$4,960.00		\$4,960.00	1051600000	Agricultural Research
C9400000086	Penn State University	Defining avian influenza viral diversity in Pennsylvania wild ducks to proactively identify risks to animal agriculture	\$16,324.00		\$16,324.00	1051600000	Agricultural Research
C9400000087	Penn State University	Investigation of a 4 sugar absorption test to diagnose and quantify gastric ulcers and gastrointestinal disease in horses	\$7,000.00		\$7,000.00	1051600000	Agricultural Research
C9400000088	Penn State University	Improving Pregnancy Toxemia Diagnostics for Pennsylvania Meat Sheep Farms	\$27,892.00		\$27,892.00	1051600000	Agricultural Research
C9400000089	Penn State University	Assessment of the effect of intrauterine dextrose infusion on animal welfare and performance in post-partum dairy cows diagnosed with clinical metritis	\$21,000.00		\$21,000.00	1051600000	Agricultural Research
C9400000092	University of Pennsylvania	Smart Farming: Automated Detection of Lameness with a Time of Flight (ToF) Camera	\$22,000.00		\$22,000.00	1051600000	Agricultural Research
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C9400000093	University of Pennsylvania	Understanding the contribution of Quorum Sensing signaling in dissemination of antimicrobial resistance on PA dairy herds	\$30,000.00		\$30,000.00	1051600000	Agricultural Research
C9400000094	University of Pennsylvania	A Novel approach to improve productivity and reduce methane emissions based on bacteria-archaea networks in rumen of PA dairy cows.	\$30,000.00		\$30,000.00	1051600000	Agricultural Research
C9400000096	University of Pennsylvania	Rapid Detection of Foreign Animal and Other Viral Diseases in Boars using Precision Agriculture.	\$22,000.00		\$22,000.00	1051600000	Agricultural Research
C9400000083	University of Pennsylvania	Understanding and addressing consumer concerns related to the use of antimicrobials on dairy farms	\$15,810.00		\$15,810.00	1051600000	Agricultural Research
C9400000095	University of Pennsylvania	The "amazing cow": a bio-processor for converting human-unavailable biomass into milk and advancing sustainability	\$14,330.00		\$14,330.00	1051600000	Agricultural Research
C940000542	PASA	Soil Health and Economic Benchmarks for Conservation and Climate Resiliency		\$87,791.00	\$87,791.00	1051600000	Agricultural Research
C940000544	PASA	Understanding Keys to Direct Market Success through Collaborative Financial Benchmarking		\$91,179.00	\$91,179.00	1051600000	Agricultural Research
C940000545	TeamAg, Inc.	Connecting Capital with Pennsylvania Farmers using Regenerative Farming Practices to Drawdown Carbon		\$60,000.00	\$60,000.00	1051600000	Agricultural Research
C940000546	PASA	Linking Soil Health and Nutrient Density for improved Specialty Crop Marketing		\$79,533.00	\$79,533.00	1051600000	Agricultural Research
C940000547	CoExist	Ag Research Grant		\$4,500.00	\$4,500.00	1051600000	Agricultural Research
C940000548	Penn State University	Assessment of Farmers' Adoption and Implementation of Conservation Plans: A Case of Pennsylvania		\$89,044.00	\$89,044.00	1051600000	Agricultural Research
C940000549	Penn State University	Reenvisioning Multifunctional Buffers to Improve Water Quality, Profitability, and Manage Risk		\$86,862.00	\$86,862.00	1051600000	Agricultural Research
C940000550	Penn State University	Establishing Pennsylvania's first digital pollen library		\$34,987.00	\$34,987.00	1051600000	Agricultural Research
C940000551	Penn State University	Drug Delivery Systems Using Milk Proteins		\$130,300.00	\$130,300.00	1051600000	Agricultural Research
C940000552	Penn State University	Protecting Bees from Fungicides Applied to Tree Fruits and from Insecticides Used to Control Spotted		\$87,999.00	\$87,999.00	1051600000	Agricultural Research
C940000566	Penn State University	Spotted Lanternfly Monitoring Pole Traps; Saving Labor and Increasing Monitoring		\$66,291.00	\$66,291.00	1051600000	Agricultural Research
C940000567	Penn State University	Impacts of spotted lanternfly feeding on tree health		\$104,236.00	\$104,236.00	1051600000	Agricultural Research
C940000553	American Mushroom Inst	carbon sequestration through spent mushroom compost		\$42,242.00	\$42,242.00	1051600000	Agricultural Research
C940000554	Temple University	A detection and genotyping method targeting the Apicomplexa mitochondrial genome: Piroplasmida.		\$24,455.00	\$24,455.00	1051600000	Agricultural Research
C940000555	Penn State University	Are bee pollinator populations declining in Pennsylvania?		\$87,614.00	\$87,614.00	1051600000	Agricultural Research
C940000556	University of Pennsylvania	Targeted Next Generation Sequencing Panel for Equine Pathogens detection		\$25,000.00	\$25,000.00	1051600000	Agricultural Research
C940000557	Penn State University	Establish a Metagenome-based Surveillance System to Determine the Prevalence and Distribution of Commercial, Backyard, and Wildlife Birds in Pennsylvania		\$28,800.00	\$28,800.00	1051600000	Agricultural Research

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C940000565	Penn State University	Molecular serotyping of Avibacterium paragallinarum using next generation sequencing (NGS)		\$25,000.00	\$25,000.00	1051600000	Agricultural Research
C940000558	Penn State University	Improving molecular characterization of C. perfringens and correlating strain type with histology		\$11,870.00	\$11,870.00	1051600000	Agricultural Research
C940000559	University of Pennsylvania	Evaluation of reproductive efficiency on Pennsylvania dairy farms		\$10,000.00	\$10,000.00	1051600000	Agricultural Research
C940000560	Penn State University	Dynamics of the Respiratory Resistome in the Pre- and Postweaning Dairy Calf		\$22,080.00	\$22,080.00	1051600000	Agricultural Research
C940000561	University of Pennsylvania	Novel implementation of FARM on a Pennsylvania Dairy Farm A pilot project		\$9,348.00	\$9,348.00	1051600000	Agricultural Research
C940000562	University of Pennsylvania	Development of a sensitive method for analysis of cannabinoids in bovine serum and hemp seed samples		\$14,432.00	\$14,432.00	1051600000	Agricultural Research
C940000563	Penn State University	Innovative LIPS assay to evaluate the exposure of livestock to COVID-19		\$42,953.00	\$42,953.00	1051600000	Agricultural Research
C940000564	Penn State University	Comparison of different management strategies on the quality of reclaimed sand used for bedding		\$10,578.00	\$10,578.00	1051600000	Agricultural Research
C940000568	Penn State University	Spotting and Stopping Spotted Lanternfly in Vineyards: Economic Impact and Decision Management Tools		\$9,906.00	\$9,906.00	1051600000	Agricultural Research