

AWARD REPORT

February 2019

PI Name	PI College	PI Department	Co-PI(s)	Awarded Amount	Title	Sponsor Name
Xinhua Jia	AES & EXT	AES Agricultural & Biosystems Engineering		\$ 95,340.00	Managing Water for Increased Resiliency of Drained Agricultural Landscapes	USDA-NIFA / Purdue University
Gregory Endres	AES & EXT	AES Carrington Research/Extension Center	Michael Ostlie	\$ 7,600.00	Soybean response to sulfur and rye cover crop management techniques	ND Soybean Council
Michael Ostlie	AES & EXT	AES Carrington Research/Extension Center	Ezra Aberle Gregory Endres Paulo Flores Jasper Teboh Szilvia Yuja Steve Zwinger	\$ 14,056.00	Determining Rye Safety to Soybeans with Soil Moisture Status	ND Soybean Council
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Kelly Cooper	\$ 21,927.00	Determining thresholds for profitable use of fungicides to control white mold in soybeans	ND Soybean Council
Michael Wunsch	AES & EXT	AES Carrington Research/Extension Center	Kelly Cooper	\$ 45,052.00	Optimizing fungicide application methods for management of Sclerotinia in soybeans	ND Soybean Council
Bryan Hanson	AES & EXT	AES Langdon Research/Extension Center		\$ 6,000.00	Seeding Date and Cultivar Influence on Soybean Performance in Northeastern North Dakota	ND Soybean Council
Janet Knodel	AES & EXT	AES Plant Pathology		\$ 40,000.00	Pyrethroid Resistant Soybean Aphids, Drones for Insect Scouting and Detection of Invasive Soybean Gall Midge	ND Soybean Council
Berlin Nelson	AES & EXT	AES Plant Pathology		\$ 58,750.00	Control of Soybean Diseases	ND Soybean Council
Guiping Yan	AES & EXT	AES Plant Pathology	Ted Helms Samuel Markell	\$ 34,298.00	Evaluating Soybean Cultivars and Germplasm for Resistance to Soybean Cyst Nematode	ND Soybean Council
Guiping Yan	AES & EXT	AES Plant Pathology	Samuel Markell	\$ 30,480.00	Screening Cover Crops for Managing Soybean Cyst Nematode and Other Nematodes in Infested Soils	ND Soybean Council
Guiping Yan	AES & EXT	AES Plant Pathology		\$ 7,490.00	Molecular Characterization and Identification of the New Root-lesion Nematode Species on Soybean in North Dakota	ND Soybean Council
Marisol Berti	AES & EXT	AES Plant Sciences	David Franzen	\$ 37,270.00	Potassium Fertilization and its Impact on Yield, Quality, and Winter Hardiness of Alfalfa	National Alfalfa & Forage Alliance
Marisol Berti	AES & EXT	AES Plant Sciences	Richard Horsley Jack Rasmussen	\$ 17,289.00	Reducing Soybean Cyst Nematode with Brown Mustard and Winter Camelina	ND Soybean Council
Bingcan Chen	AES & EXT	AES Plant Sciences		\$ 199,040.00	Bioconjugation of Phenolic Compounds to Food Biopolymers for the Enhanced Antioxidative Activity in Food Systems	NIFA
Bingcan Chen	AES & EXT	AES Plant Sciences		\$ 29,510.00	Development of Soybean Oil Oleogels for Edible Applications	ND Soybean Council
Michael Christoffers	AES & EXT	AES Plant Sciences		\$ 6,585.00	Establishment of Waterhemp Tissue Culture Lines for Herbicide Resistance Research II	ND Soybean Council

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Greta Gramig	AES & EXT	AES Plant Sciences		\$ 249,945.00	CREEP STOP: Integrating Biological, Cultural, and Mechanical/Physical Tools for Long-Term Suppression of Creeping Perennial Weeds in Northern Great Plains and Pacific Northwest Cropping Systems	USDA-NIFA / Montana State University
Ted Helms	AES & EXT	AES Plant Sciences		\$ 244,207.00	Breeding of Improved Non-GMO Cultivars and Germplasm	ND Soybean Council
Ted Helms	AES & EXT	AES Plant Sciences		\$ 78,162.00	Visual Ratings for Iron-deficiency Chlorosis	ND Soybean Council
Ted Helms	AES & EXT	AES Plant Sciences		\$ 151,373.00	Breeding of Glyphosate-Resistant Soybean Cultivars	ND Soybean Council
Phillip McClean	AES & EXT	AES Plant Sciences	Juan Osorno	\$ 6,670.00	Selection and Release of Climate Resilient Common Bean Germplasm for the Highlands and Dry Corridor of Central America	U.S. Agency for International Development / Michigan State University
Andrew Robinson	AES & EXT	AES Plant Sciences		\$ 12,500.00	Operational Needs for Potato Extension Specialist	Northern Plains Potato Growers Assn
Andrew Robinson	AES & EXT	AES Plant Sciences		\$ 12,500.00	Operational Needs for Potato Extension Specialist	MN Area II Potato Growers
Paul Schwarz	AES & EXT	AES Plant Sciences		\$ 12,000.00	2019 Montana Barley Crop Quality Survey and Report	Montana Wheat & Barley Committee
Senay Simsek	AES & EXT	AES Plant Sciences		\$ 22,500.00	2019 Hard Red Spring Wheat Regional Quality Survey	Montana Wheat & Barley Committee
Larry Cihacek	AES & EXT	AES School of Natural Resource Sciences		\$ 3,184.00	Nitrogen Dynamics of Soybeans Residues in Long-Term No-Till Production Systems	ND Soybean Council
Aaron Daigh	AES & EXT	AES School of Natural Resource Sciences	Thomas DeSutter Caley Gasch	\$ 38,166.00	Why Do Some Soil Practices Make Fields More Resilient to Saline-Prone Years	ND Soybean Council
Jay Goos	AES & EXT	AES School of Natural Resource Sciences		\$ 5,637.00	Control Measures For Iron Deficiency Chlorosis in Soybeans	ND Soybean Council
Deirdre Voldseth	AES & EXT	AES School of Natural Resource Sciences		\$ 10,000.00	Soybean Entomology Research and Extension in the North Central Region	North Central Soybean Research Program / Ohio State University
Gautam Pradhan	AES & EXT	AES Williston Research/Extension Center	Jerald Wilmer James Staricka	\$ 9,700.00	Determining suitable planting date and soil temperature for enhanced growth and yield of soybean under no-till semi-arid condition	ND Soybean Council
Gregory Endres	AES & EXT	Carrington Research/Extension Center	Kirk Howatt Michael Ostlie	\$ 14,700.00	Fall-seeded Crop Cover Tolerance to Soybean Herbicide	ND Soybean Council
Bradley Cogdill	AES & EXT	Extension Center for 4-H Youth Dev	Diane Hahn	\$ 30,197.00	4-H Military Partnership and Outreach Support Program	USDA-NIFA / Kansas State University
Ryan Buetow	AES & EXT	Dickinson Research/Extension Center	Glenn Martin John Rickertsen	\$ 14,944.00	Nitrogen Relationships of Soybean in Southwest North Dakota	ND Soybean Council
Samuel Markell	AES & EXT	Extension Plant Pathology	Guiping Yan	\$ 74,580.00	Soybean Cyst Nematode Sampling Program: 2019	ND Soybean Council

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Thomas Peters	AES & EXT	Extension Plant Sciences		\$ 29,448.00	Palmer Amaranth Awareness, Identification and Management	ND Soybean Council
Mark Jirik	CAFSNR	Northern Crops Institute		\$ 10,500.00	NCI-INT Soy Education Course	MN Soybean Research & Promotion Council
Mark Jirik	CAFSNR	Northern Crops Institute		\$ 20,000.00	General Support for Global Education & Promotion of Wheat	Montana Wheat & Barley Committee
Nancy Hodur	CAHSS	Center for Social Research		\$ 5,534.00	Analysis of Survey of Homeless in Fargo-Moorhead	FM Coalition for Homeless People
Nancy Hodur	CAHSS	Center for Social Research	Karen Olson	\$ 100,000.00	2019 North Dakota KIDS COUNT	Annie E. Casey Foundation
Nancy Hodur	CAHSS	Center for Social Research		\$ 15,000.00	Pregnancy Risk Assessment Monitoring System	Centers for Disease Control / ND Department of Health
Paul Carson	CHP	Public Health	Kylie Hall	\$ 19,450.00	Evaluation of Sanford Health VaxChamp Program	Sanford Health
Melanie Nadeau	CHP	Public Health		\$ 21,945.00	Tribal Opioid Response - Leech Lake	Substance Abuse & Mental Health Services / Leech Lake Tribe of Ojibwe
Debra Habedank	Misc	Center for Child Development		\$ 572.17	USDA Child and Adult Care Food Program	USDA / ND Department of Public Instruction
Emily Hegg	Misc	Student Health Services		\$ 6,200.00	HIV/HCV Prevention	Centers for Disease Control / ND Department of Health
Sara Mwagura	Misc	Wellness Center		\$ 968.35	NDSU Wellness Center Child Care ND Food Program	USDA / ND Department of Public Instruction
Dale Heglund	UGPTI	Upper Great Plains Transportation Institute		\$ 300,000.00	ND LTAP Program for 2019	Federal Highway Administration / ND Department of Transportation
Denver Tolliver	UGPTI	Upper Great Plains Transportation Institute		\$ 2,574,300.00	Mountain Plains Consortium Transportation Centers Program Opportunity No. UTCOPENCOMP2016	Department of Transportation
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute		\$ 27,170.00	Seat Belt Use in South Dakota	National Highway Traffic Safety Admin / SD Department of Public Safety
Kimberly Vachal	UGPTI	Upper Great Plains Transportation Institute		\$ 18,000.00	Montana Wheat & Barley Transportation Analysis	Montana Wheat & Barley Committee
Bradley Wentz	UGPTI	Upper Great Plains Transportation Institute		\$ 11,276.00	North Dakota MPO Planning Support Program Master Agreement	Department of Transportation / Bismarck-Mandan Metro. Planning Org.