



# AGRICULTURE PROJECTS FUNDED IN IDAHO

by USDA's  
Sustainable Agriculture Research and Education (SARE) Program  
1988-2019

Idaho has been awarded \$4,040,886 grants to support 67 projects, including but not limited to, 19 research and/or education projects, 8 professional development projects and 31 producer-led projects. Idaho has also received additional SARE support through multi-state projects.

## RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
<a href="#">SW18-015</a>	On-farm evaluation and demonstration of advanced manure solidliquid separation technologies for a sustainable dairy industry in Idaho	\$287,466	Dr.Lide Chen University of Idaho
<a href="#">SW16-031</a>	Optimizing Water and Nitrogen Use for Sustainable Wheat Production	\$249,939	Dr.Olga Walsh University of Idaho
<a href="#">SW11-122</a>	Incorporating Cover Crops and Green Manure in High-Desert Organic and Conventional Farming Systems	\$47,628	Lauren Golden University of Idaho
<a href="#">SW06-039</a>	'Living on the Land' Stewardship Education Program Expansion	\$160,204	Stephanie Etter University of Idaho Extension
<a href="#">SW06-083</a>	Black Soldier Fly Larvae as a Tool for Managing Animal Waste and Providing a Food Source for the Aquaculture Industry	\$117,682	Sophie St-Hilaire Idaho State University
<a href="#">SW05-067</a>	Assessment and Demonstration of the Sustainability of Long vs. Short Potato Rotations	\$179,403	Bryan Hopkins University of Idaho
<a href="#">SW05-142</a>	Assessment and Demonstration of the Sustainability of Long vs. Short Potato Rotations	\$135,756	Amanda Shiffler University of Idaho Dr.Bryan Hopkins BYU
<a href="#">SW05-039</a>	Using farmer-rancher input to develop and implement experiential educational opportunities for beginning farmers and ranchers	\$160,056	Cinda Williams University of Idaho Extension
<a href="#">SW03-021</a>	Integrated Residue Management Systems for Sustained Seed Yield of Kentucky Bluegrass Without Burning	\$294,243	Donald Thill University of Idaho
<a href="#">SW02-004</a>	Reducing Nitrogen and Phosphorus Excretions from Dairies in Gooding and Jerome Counties, Idaho	\$145,672	Alexander Hristov University of Idaho
<a href="#">SW02-037</a>	Promoting Sustainable Potato Cropping Systems	\$158,477	Bryan Hopkins University of Idaho

<a href="#"><u>SW02-038</u></a>	On-Farm Versus Agricultural Experiment Station Evaluation and Improvement of Intrinsic Characteristics of Landrace Common Bean Cultivars for Sustainable Farming Systems in the Twenty-First Century	\$167,717	Shree Singh University of Idaho
<a href="#"><u>SW00-042</u></a>	Exploration and Implementation of Sustainable Ag Practices and Outreach on the Fort Hall Indian Reservation for the Protection of Groundwater	\$103,913	Jennifer Miller NCAP John Helsel Shoshone-Bannock Tribes
<a href="#"><u>SW97-010</u></a>	Management, Impact and Economics of Beef Cattle Grazing in Mountain Riparian Ecosystems	\$105,400	Patrick A. Momont Univ. of ID, Dept. of Animal & Vet. Sci.
<a href="#"><u>SW95-021</u></a>	Brassica Green Manure Systems for Weed, Nematode, and Disease Control in Potatoes	\$112,580	Charlotte Eberlein University of Idaho
<a href="#"><u>LW91-027</u></a>	Development of Winter Wheat Cover Crop Systems for Weed Control in Potatoes	\$42,141	Charlotte Eberlein University of Idaho
<a href="#"><u>LW91-029</u></a>	Development of Sustainable Potato Production Systems for the Pacific North West	\$330,000	Jeffrey C. Stark University of Idaho
<a href="#"><u>LWD91-002</u></a>	An Economic Evaluation of the MSU Crop Rotations On-Farm Research, Demonstration Legume, Cereal Rotations Compared with Conventional Rotations	\$23,675	Edgar Michalson University of Idaho
<a href="#"><u>LW89-015</u></a>	Total Resource Budgeting of LISA (SARE) Farm Enterprises	\$31,000	Paul Patterson University of Idaho

#### PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
<a href="#"><u>EW18-028</u></a>	Idaho Qualitative Soil Health Initiative and Training	\$15,724	Jessica Harrold Ada Soil & Water Conservation District
<a href="#"><u>EW18-018</u></a>	Supporting outcome-based management on private & public rangelands: training agricultural professionals on monitoring techniques	\$72,519	Dr. Jason Karl University of Idaho
<a href="#"><u>EW05-012</u></a>	Forage and Pasture Educational Program for Extension, FSA, and NRCS in the Pacific Northwest	\$90,000	Glenn Shewmaker University of Idaho
<a href="#"><u>EW04-014</u></a>	Building Knowledge of Sustainable Rangeland Management Using Information Technology	\$91,847	Karen Launchbaugh University of Idaho
<a href="#"><u>EW03-009</u></a>	Expanding Opportunities for Community-Based Educational Programs in Sustainable Small Acreage Farming and Ranching	\$98,143	Cinda Williams University of Idaho Extension
<a href="#"><u>EW02-011</u></a>	Workshops on Soil Quality Assessment and Application for Field Staff	\$27,590	Paula Jones USDA-NRCS, Three Rivers RC&D Council, Inc.

<a href="#">EW99-013</a>	A Community Based Approach to Extension In Organic Agriculture	\$10,000	Mir M. Seyedbagheri University of Idaho, Elmore County Extension
<a href="#">EW97-012</a>	Composting Education and Information Access for Western Agriculture	\$145,275	Cinda Williams University of Idaho Extension Robert Rynk University of Idaho

#### FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
<a href="#">FW17-039</a>	Saving Water and Improving Soil Health Through LESA, Cover Crops, No-Till, and Management Intensive Grazing	\$20,000	Pat Purdy Pat Purdy
<a href="#">FW17-055</a>	No-till potatoes into cover crop, using mod. conv. planter	\$20,000	Jeff Parkinson Jeff Parkinson
<a href="#">FW16-042</a>	A Rangeland Stock Handling Concept: Inherding on the Hat Creek Grazing Allotment, Ellis Idaho	\$19,423	Glenn Elzinga Alderspring Ranch
<a href="#">FW11-032</a>	Goat Meat is Great!	\$7,799	Evelyn Simon Simon Boers
<a href="#">FW10-039</a>	Pokey Creek Farm Elderberry Exploration	\$14,877	Cinda Williams University of Idaho Extension Greg and Leah Sempel Ashley McFarland University of Idaho Extension
<a href="#">FW08-031</a>	What Good Are Pasture-Raised Ducks to Whole Farm Systems?	\$14,942	Mary Rohlfing
<a href="#">FW08-318</a>	IBC Technical Services to Farmer's/Ranchers for Online Markets in South Central Idaho	\$29,997	Judy Hall Idaho's Bounty Co-op
<a href="#">FW08-322</a>	A Multi-Faceted Approach to Managing Powdery Mildew on Organic Table Grapes in Southwest Idaho	\$15,000	Ariel Agenbroad University of Idaho Extension
<a href="#">FW06-042</a>	Harvest Frequency, Yield and Economics of Summer Squash	\$4,730	Karen Strickler
<a href="#">FW06-015</a>	Extending Forage Season with Multi-functional Browse Islands	\$8,560	Juvia Judd Lazy M Suris Deborah Berman Lazy M Suris
<a href="#">FW06-036</a>	Winter and Summer Greenhouse Production for Small-scale Growers	\$6,235	Brad Jaeckel Orchard Farm
<a href="#">FW05-007</a>	Controlling Common Tansy with Sheep	\$3,422	Kimberly McConnaghy
<a href="#">FW04-203</a>	Optimizing Spatial & Temporal Aspects of Designs for Small-Scale Diverse	\$5,500	Bridget Betta Bunzel Bunzel Organics

	Farms		
<a href="#">FW03-307</a>	Ovine Browsing for Brush Control of Forested Environments	\$7,500	Jeff Nauman Idaho Department of Lands
<a href="#">FW01-025</a>	Developing a Sustainable Market for Small Farms in a Rural Community	\$7,385	Diane Green Grentree Naturals
<a href="#">FW01-039</a>	Noxious Weed Grazing with Goats	\$7,000	Bonnie Jensen Lemhi County Ext.
<a href="#">FW01-056</a>	Farmers Educating Farmers: Developing a Soil Quality Indicator Guide	\$10,500	Kyle Wilson Natural Resource Conservation Agency
<a href="#">FW00-052</a>	Low Stress Stockmanship School for Lemhi County, ID	\$5,450	Wally Butler
<a href="#">FW00-259</a>	The Farm to Fork Exchange	\$4,625	Nate Jones
<a href="#">FW99-012</a>	Automated On-Farm Irrigation Water Diversion Gate	\$3,890	George Davis
<a href="#">FW99-076</a>	On-Site Rearing of Beneficial Predatory Mite Species	\$4,200	Richard Nathanson
<a href="#">FW98-097</a>	Fear and Loathing in the Potato Patch: Controlling Nematodes with Rape Seed Meal and Green Manures	\$9,910	John O'Connor
<a href="#">FW98-099</a>	Wiersema Dairy Agroforestry Project	\$5,000	Jim Wiersema
<a href="#">FW97-024</a>	Systems Thinking in a Range Environment	\$5,000	Jay Black
<a href="#">FW97-044</a>	Paradise Time Controlled Grazing	\$5,000	Mark Pratt
<a href="#">FW97-049</a>	Non-Irrigated Alfalfa Performance Trial, Benewah County, Idaho	\$3,500	Christina Crawford
<a href="#">FW96-060</a>	Economic Viability of Greenhouse Solarization	\$2,450	Larry Higgins
<a href="#">FW95-046</a>	Developing an Idaho-Based Marketing Cooperative for Sustainability and Locally Grown Produce	\$4,622	Janie Burns Meadowlark Farms
<a href="#">FW95-080</a>	Squash Bug Management Through Introduction of Game Birds	\$2,740	Jill Kohler Eagle Organic Farms

<a href="#">FW95-025</a>	Biological Control in Idaho Alfalfa Seed Fields	\$5,000	Larry Sorenson Sorenson Farms
<a href="#">FW95-034</a>	Row Spacing Effect on Weed Suppression	\$530	Lee Griffiths

#### ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
<a href="#">OW15-032</a>	Madison County Healthy Soil Initiative	\$50,000	Robbie Taylor Madison SWCD
<a href="#">OW13-043</a>	Extension of Local Food Production in Idaho Using High Tunnel Technology	\$49,999	Dr.Stephen Love University of Idaho
<a href="#">OW13-017B</a>	Reference strips and precision sensors for increased nitrogen use efficiency in wheat production	\$1,960.75	Dr.Olga Walsh University of Idaho
<a href="#">OW10-301</a>	Using Aquaponics with Renewable Energy Resources to Create Sustainable Food Systems while Reducing Nutrient, Energy, and Water Costs	\$50,000	Matt Johnson Sustain Pro Management Harry Ako University of Hawaii

#### PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
<a href="#">WSP19-022</a>	2020 Idaho Western SARE Professional Development State Program	\$28,686	Kate Painter University of Idaho, Extension Lauren Golden University of Idaho Amanda Snyder University of Idaho
<a href="#">WSP18-008</a>	Idaho 2018-20 PDP project	\$28,636	Kate Painter University of Idaho, Extension
<a href="#">WSP17-008</a>	2018 University of Idaho PDP Project	\$37,769	Lauren Golden University of Idaho Kate Painter University of Idaho, Extension

#### ENHANCED STATE GRANTS GRANTS

Project #	Project Title	SARE support	Project Leaders
<a href="#">WESP19-01</a>	Developing the Western Cover Crop Council and Promoting the Regenerative Agriculture Movement through Cover Crops and Human Health	\$100,000	Steven Hines University of Idaho Lauren Golden University of Idaho Nick Andrews Oregon State University Doug Collins WSU Kate Gaegan Dr.Monica Hubbard Boise State University Dr.Jeffrey Mitchell University of California, Davis, Department of Plant Sciences

Marion Murray  
Utah State University  
Dr.Soren Newman  
University of Idaho  
Justin O'Dea  
Washington State University  
Clare Sullivan  
Oregon State University  
Matt Yost  
Utah State University  
Dr.Annie Young-Mathews  
USDA-NRCS  
Tara Zimmerman  
Washington State University

[MW17-006](#)

Increasing Knowledge and Capacity for  
Transforming Local and Regional Food  
Systems in Idaho

\$24,998

Lauren Golden  
University of Idaho

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**Total funding from the USDA SARE program to  
Idaho  
\$4,040,886**

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For further information on projects, contact Western SARE at (435) 797-2257 or [wsare@usu.edu](mailto:wsare@usu.edu).

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