



AGRICULTURE PROJECTS FUNDED IN IDAHO

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2018

Idaho has been awarded \$3,883,564 grants to support 64 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.

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RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
SW18-015	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
SW16-031	Optimizing Water and Nitrogen Use for Sustainable Wheat Production	\$249,939	Dr.Olga Walsh University of Idaho
SW11-122	Incorporating Cover Crops and Green Manure in High-Desert Organic and Conventional Farming Systems	\$47,628	Lauren Golden University of Idaho
SW06-039	'Living on the Land' Stewardship Education Program Expansion	\$160,204	Stephanie Etter University of Idaho Extension
SW06-083	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
SW05-039	Using farmer-rancher input to develop and implement experiential educational opportunities for beginning farmers and ranchers	\$160,056	Cinda Williams University of Idaho Extension
SW05-067	Assessment and Demonstration of the Sustainability of Long vs. Short Potato Rotations	\$179,403	Bryan Hopkins University of Idaho
SW05-142	Assessment and Demonstration of the Sustainability of Long vs. Short Potato Rotations	\$135,756	Amanda Shiffler University of Idaho Dr.Bryan Hopkins BYU
SW03-021	Integrated Residue Management Systems for Sustained Seed Yield of Kentucky Bluegrass Without Burning	\$294,243	Donald Thill University of Idaho

SW02-004	Reducing Nitrogen and Phosphorus Excretions from Dairies in Gooding and Jerome Counties, Idaho	\$145,672	Alexander Hristov University of Idaho
SW02-037	Promoting Sustainable Potato Cropping Systems	\$158,477	Bryan Hopkins University of Idaho
SW02-038	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
SW00-042	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
SW97-010	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.
SW95-021	Brassica Green Manure Systems for Weed, Nematode, and Disease Control in Potatoes	\$112,580	Charlotte Eberlein University of Idaho
LW91-027	Development of Winter Wheat Cover Crop Systems for Weed Control in Potatoes	\$42,141	Charlotte Eberlein University of Idaho
LW91-029	Development of Sustainable Potato Production Systems for the Pacific North West	\$330,000	Jeffrey C. Stark University of Idaho
LWD91-002	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
LW89-015	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
EW18-028	Idaho Qualitative Soil Health Initiative and Training	\$15,724	Jessica Harrold Ada Soil & Water Conservation District
EW18-018	Supporting outcome-based management on private & public rangelands: training agricultural professionals on monitoring techniques	\$72,519	Dr. Jason Karl University of Idaho
EW05-012	Forage and Pasture Educational Program for Extension, FSA, and NRCS in the Pacific Northwest	\$90,000	Glenn Shewmaker University of Idaho
EW04-014	Building Knowledge of Sustainable Rangeland Management Using Information Technology	\$91,847	Karen Launchbaugh University of Idaho

EW03-009	Expanding Opportunities for Community-Based Educational Programs in Sustainable Small Acreage Farming and Ranching	\$98,143	Cinda Williams University of Idaho Extension
EW02-011	Workshops on Soil Quality Assessment and Application for Field Staff	\$27,590	Paula Jones USDA-NRCS, Three Rivers RC&D Council, Inc.
EW99-013	A Community Based Approach to Extension In Organic Agriculture	\$10,000	Mir M. Seyedbagheri University of Idaho, Elmore County Extension
EW97-012	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
FW17-039	Saving Water and Improving Soil Health Through LESA, Cover Crops, No-Till, and Management Intensive Grazing	\$20,000	Pat Purdy Pat Purdy
FW17-055	No-till potatoes into cover crop, using mod. conv. planter	\$20,000	Jeff Parkinson Jeff Parkinson
FW16-042	A Rangeland Stock Handling Concept: Inherding on the Hat Creek Grazing Allotment, Ellis Idaho	\$19,423	Glenn Elzinga Alderspring Ranch
FW11-032	Goat Meat is Great!	\$7,799	Evelyn Simon Simon Boers
FW10-039	Pokey Creek Farm Elderberry Exploration	\$14,877	Cinda Williams University of Idaho Extension Greg and Leah Sempel Ashley McFarland University of Idaho Extension
FW08-031	What Good Are Pasture-Raised Ducks to Whole Farm Systems?	\$14,942	Mary Rohlfing
FW08-318	IBC Technical Services to Farmer's/Ranchers for Online Markets in South Central Idaho	\$29,997	Judy Hall Idaho's Bounty Co-op
FW08-322	A Multi-Faceted Approach to Managing Powdery Mildew on Organic Table Grapes in Southwest Idaho	\$15,000	Ariel Agenbroad University of Idaho Extension
FW06-036	Winter and Summer Greenhouse Production for Small-scale Growers	\$6,235	Brad Jaeckel Orchard Farm
FW06-042	Harvest Frequency, Yield and Economics of Summer Squash	\$4,730	Karen Strickler
FW06-015	Extending Forage Season with Multi-functional Browse Islands	\$8,560	Juvia Judd Lazy M Suris Deborah Berman

			Lazy M Suris
FW05-007	Controlling Common Tansy with Sheep	\$3,422	Kimberly McConnaghy
FW04-203	Optimizing Spatial & Temporal Aspects of Designs for Small-Scale Diverse Farms	\$5,500	Bridget Betta Bunzel Bunzel Organics
FW03-307	Ovine Browsing for Brush Control of Forested Environments	\$7,500	Jeff Nauman Idaho Department of Lands
FW01-025	Developing a Sustainable Market for Small Farms in a Rural Community	\$7,385	Diane Green Grentree Naturals
FW01-039	Noxious Weed Grazing with Goats	\$7,000	Bonnie Jensen Lemhi County Ext.
FW01-056	Farmers Educating Farmers: Developing a Soil Quality Indicator Guide	\$10,500	Kyle Wilson Natural Resource Conservation Agency
FW00-259	The Farm to Fork Exchange	\$4,625	Nate Jones
FW00-052	Low Stress Stockmanship School for Lemhi County, ID	\$5,450	Wally Butler
FW99-012	Automated On-Farm Irrigation Water Diversion Gate	\$3,890	George Davis
FW99-076	On-Site Rearing of Beneficial Predatory Mite Species	\$4,200	Richard Nathanson
FW98-099	Wiersema Dairy Agroforestry Project	\$5,000	Jim Wiersema
FW98-097	Fear and Loathing in the Potato Patch: Controlling Nematodes with Rape Seed Meal and Green Manures	\$9,910	John O'Connor
FW97-024	Systems Thinking in a Range Environment	\$5,000	Jay Black
FW97-044	Paradise Time Controlled Grazing	\$5,000	Mark Pratt
FW97-049	Non-Irrigated Alfalfa Performance Trial, Benewah County, Idaho	\$3,500	Christina Crawford
FW96-060	Economic Viability of Greenhouse Solarization	\$2,450	Larry Higgins

FW95-034	Row Spacing Effect on Weed Suppression	\$530	Lee Griffiths
FW95-046	Developing an Idaho-Based Marketing Cooperative for Sustainability and Locally Grown Produce	\$4,622	Janie Burns Meadowlark Farms
FW95-080	Squash Bug Management Through Introduction of Game Birds	\$2,740	Jill Kohler Eagle Organic Farms
FW95-025	Biological Control in Idaho Alfalfa Seed Fields	\$5,000	Larry Sorenson Sorenson Farms

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
OW15-032	Madison County Healthy Soil Initiative	\$50,000	Robbie Taylor Madison SWCD
OW13-017B	Reference strips and precision sensors for increased nitrogen use efficiency in wheat production	\$1,960.75	Dr.Olga Walsh University of Idaho
OW13-043	Extension of Local Food Production in Idaho Using High Tunnel Technology	\$49,999	Dr.Stephen Love University of Idaho
OW10-301	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
WSP17-008	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
MW17-006	Increasing Knowledge and Capacity for Transforming Local and Regional Food Systems in Idaho	\$24,998	Lauren Golden University of Idaho

**Total funding from the USDA SARE program to
Idaho
\$3,883,564**



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

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