



AGRICULTURE PROJECTS FUNDED IN WYOMING

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2016

Wyoming has been awarded \$2,389,710 to support 44 projects, including but not limited to, 14 research and/or education projects, 5 professional development projects and 18 producer-led projects. Wyoming has also received additional SARE support through multi-state projects.

State Sustainable Agriculture Coordinator(s):

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RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
SW10-073	Prescribed Grazing to Sustain Livestock Production, Soil Quality, and Diversity in Rangeland Ecosystems	\$197,268	Dr. Kenneth Tate University of California Davis
SW07-049	Evaluation of Camelina sativa as an alternative seed crop and feedstock for biofuel and developing replacement heifers.	\$155,000	Dr. Bret Hess University of Wyoming
SW05-117	Integrated Crop and Livestock Systems: Dryland Crop Rotations to Improve Economic and Ecological Sustainability in the Central High Plains	\$212,928	Dr. Steve Paisley University of Wyoming
SW04-051	Record Management Computer Database for Wyoming Cow-Calf Producers	\$18,563	Dallas Mount University of Wyoming
SW03-008	Annual Legume-Based Systems for Sustainable Integrated Crop/Livestock Enterprise Diversification on the Central High Plains	\$200,000	James Krall University of Wyoming
SW02-011	Economic Impacts of Undernutrition on Fetal Programming during Early Gestation in the Cow: Effects on Growth, Development and Carcass Characteristics of Steers and Reproductive Efficiency of Heifers	\$23,013.50	Stephen Ford University of Wyoming
SW98-071	Annual Legumes in Fallow as an Integrated Crop/Livestock Alternative in the Central Great Plains.	\$173,979	James Krall University of Wyoming
SW97-018	Integrating nemade-resistant crops into sugar beet rotations	\$113,184	David Koch University of Wyoming
SW96-029	Potential of a Corn/Annual Medic	\$95,100	James Krall

	Intercropping System for Weed Control, Reduced Soil Erosion and Improved Forage Production		University of Wyoming
SW96-010	Western Integrated Ranch/Farm Education	\$36,326	John Hewlett University of Wyoming, Department of Agricultural Economics
SW95-007	Sustainable Rangeland Based Beef Cattle Production Systems	\$155,260	Michael A. Smith University of Wyoming
SW94-006	Legume Cover Crops in Fallow as an Integrated Crop/Livestock Alternative in the Northern and Central Great Plains	\$160,000	James Krall University of Wyoming
SW94-034	Western Integrated Ranch/Farm Education	\$90,000	John Hewlett University of Wyoming, Department of Agricultural Economics
LW91-022	Brassica Utilization in Sugar Beet Rotations for Biological Control of Cyst Nematode	\$47,000	David Koch University of Wyoming

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
EW10-012	Equipping Extension Educators to Address Producer Needs in Energy Education	\$99,596	Sarah Hamlen MSU Extension
EW10-020	Ranch Sustainability Assessment: Economic, Ecological, & Social Indicator Monitoring	\$85,000	Dr. John Tanaka University of Wyoming
EW07-016	Educator Training for the Wyoming Cow-Calf Record Management System	\$9,500	Dallas Mount University of Wyoming
EW00-024	Sustaining western rural landscapes, lifestyles, and livelihoods through agricultural enterprise diversification: a collaborative partnership.	\$80,880	Boyd Byelich USDA-NRCS
EW94-018	Extension Sustainable Agriculture Training in Colorado and Wyoming	\$75,000	Joe Hiller University of Wyoming, Cooperative Extension Service

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FW09-319	Enhancing Rural Agricultural Family and Community Development in Wyoming Through Sustainable Biofuel Crop Production	\$49,873	Donn Randall Wyoming Business Council
FW08-307	Nitrogen Use Efficiency of Cool-Season Perennial Forage Grasses Planted With and Without Alfalfa Under Irrigation for Hay Production	\$14,999	Dr. Blaine Horn University of Wyoming
FW08-303	Utilizing Soil Moisture and Microclimate Monitoring Technology to Reduce Water and Energy Needs and Improve Sugar Beet Crop Production for Producers in the Big Horn Basin Region of Wyoming	\$29,923	Caryn Agee Washakie County Conservation District

FW06-021	Management of Iron Deficiency in Bean with Annual Ryegrass Interplantings	\$9,505	Mike Ridenour
FW05-035	Brush Mower/Mixed Mountain Shrub Enhancement	\$19,370	Clyce and Myrtle McCulloch JY Ranch
FW04-030	Progeny Evaluation to Determine an Economically Based Index for Sire Selection	\$7,500	Sandra Snider
FW04-035	Tree Windbreak	\$7,500	Betty Rodriguez
FW03-004	Wind and Water	\$6,000	Betty Rodriguez
FW02-207	BOS Grass Grown Premium Beef Marketing	\$7,495	James Millett
FW02-210	Platte County Farmer's Market	\$2,434	Susan Schamel
FW01-047	Prevention of High Altitude Disease Losses in Beef Cattle Utilizing PAP Test Scores, EPDs, and Gene-Mapping Techniques	\$7,500	Jon Robinett Diamond G. Cattle Co. LLC
FW00-278	Internet Marketing of Organically Grown Wyoming Gourmet Garlic	\$3,930	Steve Shesler
FW00-093	Pastured Poultry Production with Research on Sustainability of Grazing Lands	\$1,477	Joleen and Greg Marquardt
FW99-060	Improving Ranch Unit Stability and Sustainability through Grazing Irrigated Alfalfa	\$3,500	Rick March
FW96-023	Tall Stature Grasses for Winter Grazing and Spring Calving	\$2,800	Matt Weber
FW95-076	Flitner Wetland Habitat Enhancement Project	\$5,000	Mary & Stan Flitner
FW95-067	Initiation of Integrated Management	\$5,000	Tom Bruce
FW95-045	Integrated Management to Improve Rangeland Health and Reduce Noxious Weeds	\$5,000	Ogden Driskell Bearlodge Cattle Company

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GW16-068	Conservation biological control of alfalfa	\$7,280	Makenzie Benander

weevil in Wyoming

University of Wyoming

GW16-038	Increasing sustainable agriculture through enhanced diagnostics with Brucella infection	\$24,818	Noah Hull University of Wyoming Dr.Brant Schumaker University of Wyoming
GW15-020	Economic and Environmental Sustainability of Irrigated Grass-Legume Mixtures	\$24,998	Dr.Anowar Islam University of Wyoming
GW14-023	Improving Feed Efficiency in Sheep Through Rumen Manipulation and Producer Adoption	\$25,000	Dr.Kristi Cammack University of Wyoming Melinda Ellison University of Idaho
GW11-007	Impacts of age on residual feed intake and its effect on reproductive parameters and profitability in ewes	\$24,990	Dr.Kristi Cammack University of Wyoming Dr.Rebecca Cockrum Colorado State University
GW08-016	Potential of Managing Iron and Zinc Deficiency in Dry Beans with Interplantings of Annual Ryegrass and Increased Bean Density	\$18,928	Emmanuel Omondi University of Wyoming - Dept 3354

ON-FARM RESEARCH/PARTNER GRANTS

Project #	Project Title	SARE support	Project Leaders
OW10-313	Residual Feed Intake - Producer Adoption and Genetic Selection Potential	\$47,292	Dr.Kristi Cammack University of Wyoming

Total funding from the USDA SARE program to Wyoming
\$2,389,710



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

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