
AGRICULTURE PROJECTS FUNDED IN WYOMING
by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2011

Summary: Wyoming has received \$2,122,551 to support 39 projects, including but not limited to, 14 research and/or education projects, four extension projects and 18 producer-led projects. Wyoming also has received additional SARE support through multi-state projects.

State sustainable agriculture extension coordinator(s): Mike Smith, University of Wyoming
 Dept. of Rangeland Ecology & Watershed Management

Project #	Project Title	SARE support	Project Leader	Organization
SW07-049	Evaluation of Camelina Sativa as an Alternative Seed Crop and Feedstock for Biofuel and Developing Replacement Heifers	\$155,000.00	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	\$212,928.00	Steve Paisley	Dept of Animal Science, University of Wyoming
SW04-051	Record Management Computer Database for Wyoming Cow-Calf Producers	\$18,563.00	Dallas Mount	University of Wyoming
SW03-008	Annual Legume Based Systems for Sustainable Integrated Crop/Livestock Enterprise Diversification on the Central High Plains	\$200,000.00	James Krall	University of Wyoming Research and Extension Center
SW02-011	Economic Impacts of Undernutrition of Fetal Programming During Early Gestation in the Cow: Effects on Growth, Development and Carcass Characteristics of Steers and Reproductive Efficiency of Heifers	\$83,013.50	Stephen Ford	University of Wyoming- Animal Science Department Department of Animal science
SW98-071	Annual Legumes in Fallow as an Integrated Crop/Livestock Alternative in the Central Great Plains	\$173,979.00	James M. Krall	University of Wyoming, UW Research and Extension Center
SW97-018	Integrating Nematode-Resistant Crops into Sugarbeet Rotations	\$113,184.00	David W. Koch	University of Wyoming, Department of Plant Sciences

Project #	Project Title	SARE support	Project Leader	Organization
AW96-014	The Impact of Riparian Vegetation Filters on Western Soil and Water Quality: Nonpoint-Source Pollutants from Range and Croplands	\$94,475.00	Jeff Powell	University of Wyoming
SW96-029	Potential of a Corn/Annual Medic Intercropping System for Weed Control, Reduced Soil Erosion and Improved Forage Production	\$95,100.00	James Krall	University of Wyoming, UW Research and Extension Center
SW96-010	Western Integrated Ranch/Farm Education	\$36,326.00	John Hewlett	University of Wyoming, Department of Agricultural Economics
SW95-007	Sustainable Rangeland Based Beef Cattle Production Systems	\$155,260.00	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	\$160,000.00	James M. Krall	University of Wyoming, Research and Extension Center
SW94-034	Western Integrated Ranch/Farm Education	\$36,326.00	John Hewlett	University of Wyoming, Department of Agricultural Economics
LW91-022	Brassica Utilization in Sugar Beet Rotations for Biological Control of Cyst Nematode	\$47,000.00	David W. Koch	University of Wyoming, Department of Plant Sciences

PROFESSIONAL DEVELOPMENT PROJECTS

EW10-020	Ranch Sustainability Assessment: Economic, Ecological, & Social Indicator Monitoring	\$100,000.00	John Tanaka	University of Wyoming
EW07-016	Educator Training for the Wyoming Cow-Calf Record Management System	\$9,500.00	Dallas Mount	University of Wyoming Cooperative Extension
EW00-024	Sustaining Western Rural Landscapes, Lifestyles, and Livelihoods Through Agricultural Enterprise Diversification	\$80,880.00	Boyd Byelich	USDA-NRCS

Project #	Project Title	SARE support	Project Leader	Organization
EW94-018	Extension Sustainable Agriculture Training in Colorado and Wyoming	\$75,000.00	Joe Hiller	University of Wyoming, Cooperative Extension Service

GRANTS TO FARMERS

FW09-319	Enhancing Rural Agricultural Family and Community Development in Wyoming through Sustainable Biofuel Crop Production	\$49,873.00	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	\$14,999.00	Blaine Horn	Univ. of Wyoming CES
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 of Wyoming	\$29,923.00	Rory Karhu	Washakie County Conservation District
FW06-021	Management of Iron Deficiency in Beans with Annual Ryegrass Interplantings	\$9,505.00	Mike Ridenour	
FW05-035	Brush Mower/Mixed Mountain Shrub Enhancement	\$19,370.00	Clyce McCulloch	JY Ranch
FW04-035	Tree Windbreak	\$7,500.00	Betty Rodriguez	
FW04-030	Progeny Evaluation to Determine an Economically Based Index for Sire Selection	\$7,500.00	Sandra Snider	
FW03-004	Wind and Water	\$2,000.00	Betty Rodriguez	
FW02-210	Platte County Farmer's Market	\$2,434.00	Susan Schamel	
FW02-207	BOS Grass Grown Premium Beef - Marketing	\$7,495.00	James Millett	
FW01-047	Prevention of High Altitude Disease Losses in Beef Cattle Utilizing PAP Test Scores, EPDs, and Gene-Mapping Techniques	\$7,500.00	Jon Robinett	Diamond G. Cattle Co. LLC
FW00-278	Internet Marketing of Organically Grown Wyoming Gourmet Garlic	\$3,930.00	Steve Shesler	
FW00-093	Pastured Poultry Production with Research on Sustainability of Grazing Lands	\$1,477.00	Joleen and Greg Marquardt	

Project #	Project Title	SARE support	Project Leader	Organization
FW99-060	Improving Ranch Unit Stability and Sustainability through Grazing Irrigated Alfalfa	\$3,500.00	Rick March	NRSC
FW96-023	Tall Stature Grasses for Winter Grazing and Spring Calving	\$2,800.00	Matt Weber	
FW95-076	Flitner Wetland Habitat Enhancement Project	\$5,000.00	Mary & Stan Flitner	
FW95-045	Integrated Management to Improve Rangeland Health and Reduce Noxious Weeds	\$5,000.00	Ogden Driskell	Bearlodge Cattle Company
FW95-067	Initiation of Integrated Management	\$5,000.00	Tom Bruce	Bruce Ranch Inc.

Graduate Student Grants

GW11-007	Impacts of age on residual feed intake and its effect on reproductive parameters and profitability in ewes	\$24,990.00	Rebecca Cockrum	University of Wyoming
GW08-016	Potential of Managing Iron and Zinc Deficiency in Dry Beans with Interplantings of Annual Ryegrass	\$18,928.00	Emmanuel Chiwo Omondi	University of Wyoming, Dept. of Plant Science

On-Farm Grants

OW10-313	Residual Feed Intake- Producer Adoptino and Genetic Selection Potential	\$47,292.00	Kristi Cammack	University of Wyoming
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Total funding from USDA SARE program to Wyoming = \$2,122,551

For further information on projects, contact Stacie Clary, Western Region Communications Specialist, 831-419-5432, stacie.wsare@charter.net, or Dena Leibman, SARE National Communications Specialist, communications@sare.org, 301-405-7955.

SARE is a national USDA program that provides competitive grants, educational materials and extension programs to develop and support approaches that enhance profits, protect the environment and improve rural quality of life.