



AGRICULTURE PROJECTS FUNDED IN NEW MEXICO

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

New Mexico has been awarded \$2,441,008 grants to support 66 projects, including but not limited to, 12 research and/or education projects, 6 professional development projects and 45 producer-led projects. New Mexico 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
SW18-059	On-Farm Investigations of Stale Seedbeds with Biofumigation for Improved Management of Weeds and Soil-Borne Diseases in Chile Pepper	\$131,461	Dr. Brian Schutte New Mexico State University
SW15-015	Implementation of Genetic Selection for Grazing Distribution to Make Cattle Grazing in the Western US More Sustainable	\$271,217	Dr. Derek Bailey New Mexico State University
SW09-054	Enhancement of Sustainable Livestock Grazing through Selection and Training	\$229,527	Dr. Derek Bailey New Mexico State University
SW09-041	Winter Production of Leafy Greens in the Southwestern USA using High Tunnels	\$193,879	Steven Guldán New Mexico State University
SW07-606	Extending the Grazing Season and Integrating Crops and Livestock to Sustain Small Farms and Ranches in the Southern Rockies	\$7,381	Steven Guldán New Mexico State University
SW04-144	Southwest Marketing Network: Expanding Markets for Small-Scale Alternative and Minority Farmers and Ranchers	\$124,817	Pamela Roy Farm to Table
SW02-053	Ganados del Valle Family Ranch Sustainability Program	\$70,000	Arlene Valdez Ganados Del Valle; Los Ojos, NM Melinda Salazar Ganados Del Valle; Los Ojos, NM
SW01-004	Field-to-Table Technical Outreach Package for Smaller-Scale Farmers & Ranchers in the Front range	\$48,500	Greg Shultz NewFarms
SW98-060	Acequia Conservation Management	\$49,272	Stephen Reichert Tierra y Montes Soil & Water Cons. District

SW96-027	The Production of New, Existing, and Native Crops Under Conventional and Organic Production Practices in Costilla, New Mexico, Garcia, Colorado, and at Taos Pueblo	\$100,000	Craig Mapel New Mexico Department of Agriculture
SW95-018	Extending the Grazing Season and Integrating Crops and Livestock to Sustain Small Farms and Ranches in the Southern Rockies	\$141,602	Steven Guldán New Mexico State University
LW93-033	Development of Sustainable Crop and Livestock Production Systems for Land in the Conservation Reserve Program (CRP)	\$104,000	Rex E. Kirksey New Mexico State University, Agricultural Science Center

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
EW15-011	Developing Digital Tools to Improve Soil Sampling and Analysis for Sustainable Agriculture in the Western U.S	\$59,356	Dr.Robert Flynn New Mexico State University
EW13-021	A Distance Learning Approach to Whole Farm Planning	\$60,400	Dr.Ann Adams Holistic Management International
EW08-016B	Professional Training for Developing a Hands-On Organic Weed Management Learning Center for Commercial Market Gardens in Local Communities	\$47,933.72	Beth LaShell Fort Lewis College
EW04-006	Increasing the Effectiveness of Field Agent Response to Producer Requests for Alternative Marketing Assistance	\$95,939	Teresa Mauerer NCAT
EW02-006	Here Forever Farm and Ranch Education	\$30,000	Jaime Castillo New Mexico State University
EW95-001	Educational Video on Watershed Management Practices for Pinyon-Juniper Ecosystems	\$24,000	Howard Shanks South Central Resource Cons

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FW18-028	Greenhouse Energy Storage & Transfer using Water	\$7,565	Kemper Barkhurst Bluefly Farms, LLC
FW18-023	Establishing and Maintaining Mite Resistant Nucleus Colonies for the Sustainable Apiary Using USDA Russian and VSH Queen Bees	\$16,980	John Gagne San Juan Apiaries
FW18-019	Provencio Soil Improvement Project	\$19,976	Ed Provencio Ed Provencio
FW16-028	Passive Solar Herb Drying Project	\$18,999	Dr.Tomas Enos El Milagro Herbs, Inc.
FW16-035	A Comparative Study of Shading Systems to Control the Beet Leafhopper	\$19,909	Peter Sinanian TomatoCulture LLC

	and Reduce Beet Curly Top Virus in Heirloom Tomato Fields		
FW15-037	Aerated Compost Tea- Field Guide	\$14,560	Minor Morgan North Valley Organics
FW15-045	Lavender Intercropping and Soil Management	\$13,665	Kemper Barkhurst Bluefly Farms, LLC
FW13-122	Making Roller Crimping a Reality in the Southwest	\$9,155	Dale Rhoads Rhoads Farm Joran Viers New Mexico State University
FW12-096	The Rocky Mountain Survivor Queenbee Cooperative	\$25,000	Melanie Kirby Zia Queenbee Co. Julie McIntyre US Fish & Wildlife Service
FW12-039	Distilling Essential Oils from Southwest Medicinal Plants	\$15,000	Dr.Tomas Enos El Milagro Herbs, Inc.
FW11-005	Pollinator Forage Development	\$15,000	Heather Harrell For the Love of Bees Les Crowder For the Love of Bees
FW11-018	Cotton Gin By-Products (CGB)/Dairy Manure Composting for Desert Farming	\$13,336	Dr.Robert Woody
FW11-021	Trials and Informing Regional Farmers about Organic Weed Control Methods	\$13,163	Dale Rhoads Rhoads Farm
FW11-027	Testing Traditional Methods of Pest Mitigation	\$29,434	Joseph Alfaro Valle Encantado
FW11-030	Pepper (Capsicum annum) Cultivation, Conservation, and Soil Ecology in Low-Input and Certified Organic Agricultural Systems	\$19,585	Loretta Sandoval Owner
FW11-043	Assessment of the Economic Viability of High-Value Greenhouse Production	\$14,743	Margaret C Campos Comida de Campos
FW10-038	Restoring Conservation Reserve Program Land to Health and Productivity	\$13,112	Kelly Boney Outlaw Land Improvement Company, Inc
FW10-010	Operation of a Subsurface Drip Irrigation (SDI) system under National Organic Plan (NOP) Standards	\$14,560	Minor Morgan North Valley Organics
FW09-008	The Use of Two Mesilla Valley, NM Agricultural Byproducts to Create a Needed Organic Material Soil Amendment	\$14,750	Dr.Robert Woody
FW09-041	Camino de Paz Orchard & Berry Research & Education Program	\$15,000	Greg Nussbaum Camino de Paz Farm

FW09-047	La Placita Gardens Composting Research Project	\$15,000	Abino Garcia Mayordomo La Placita Gardens Andrea Botero LA PLAZITA INSTITUTE
FW09-049	Organic Weed Control in Perennial Navajo Tea Greenthread	\$15,000	Steve Heil
FW08-004	Manipulating Sandpaper Oak for Livestock and Wildlife Forage and Cover	\$15,000	Cheryl Goodloe Carrizon Valley Ranch Sid Goodloe Carrizon Valley Ranch
FW08-320	Small Acreage Farms Enlisting Organic and Good Agriculture Practices (SAFE O-GAPs),	\$29,750	Nancy Flores New Mexico State University Dr.Nancy Flores new mexico state university
FW07-032	Southwest Survivor Queenbee Project	\$15,000	Melanie Kirby Zia Queenbee Co.
FW06-321	Growing and Marketing Dye Plants as Alternative Crops	\$20,000	Charles Martin New Mexico State University Del Jiminez New Mexico State University
FW05-011	Solar Energy for Sustainable Year-round Production	\$9,683	Don Bustos Santa Cruz Farm
FW02-018	Desert Shrimp	\$12,000	R. Mack Bell
FW01-002	Northeast New Mexico Pecan Research	\$2,000	Lem Chesher USDA-ARS
FW01-014	Alternative Crops for the Costilla Valley in New Mexico Adoption, Application, Added Value of Product	\$10,000	Teresa Young NMSU Coop Ext
FW01-036	Regional Producer's Improvement Project for High Quality Eggs and Other Poultry Products	\$10,500	Steve Warshawer Beneficial Farm
FW00-099	Comparing Irrigation Methods for Organic Wheat Production	\$10,000	Lonnie Roybal Sangre de Cristo Growers Coop.
FW99-078	A Temporary Step to a Permanent Solution: Use of Strawbales to Construct a Wind Barrier and System of Terrace Planting Beds	\$1,760	Fatou Gueye
FW99-008	Passive Solar Greenhouse Construction and Growing Trial	\$5,000	Cathy Hope
FW99-044	Verification of Bat Predation of Pests on a 60,000 Acre Irrigated Farm	\$4,000	James Dangler
FW98-019	Using a Cultivable Catchment System to Establish a Dryland Commercial Truck	\$2,700	John Leaf

	Farm		
FW98-030	Permanent Irrigated Pasture Demonstration Project Reducing Irrigation Water Use	\$3,100	Milford Denetclaw
FW98-032	The Sustainable Use of Cover Crops in an Annual Vegetable Production System in Northern New Mexico	\$4,289	Don Bustos Santa Cruz Farm
FW97-042	Value Added Wheat Production	\$3,500	Tom Seibel
FW97-057	Limiting Gopher Deprivation By Time-Control Livestock Grazing	\$3,500	Matt Schneberger
FW96-046	Test Plot Demonstration for Organically Produced Small Grains, Phase II	\$5,000	Lonnie Roybal Sangre de Cristo Growers Coop.
FW96-001	Increasing the Value of Irrigated Pastures	\$4,200	Darrell Baker
FW95-003	Test Plot Demonstration for Organically Produced Small Grains, Phase I	\$5,000	Lonnie Roybal Sangre de Cristo Growers Coop.
FW95-007	Municipal Sludge and Legumes as Soil Builders	\$4,290	Pete Tatschl
FW95-017	Gila Permitees Association Elk Study	\$5,000	Matt Schneberger

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
OW18-034	Pairing Groundwater and Climate Data to Inform Sustainable Ranch Management in Uncertain Times	\$49,995	Amy Ganguli New Mexico State University
OW12-024	The Rocky Mountain Survivor Queenbee Cooperative	\$25,000	Melanie Kirby Zia Queenbee Co.

PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
WSP17-012	2018 New Mexico State University PDP Project	\$37,964	Omololu John Idowu New Mexico State University Stephanie Walker New Mexico State University

**Total funding from the USDA SARE program to
New Mexico
\$2,441,008**



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

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