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

Summary: Colorado has received \$2,963,014 to support 83 projects, including but not limited to, 14 research and/or education projects, 16 extension projects and 49 producer-led projects. Colorado also has received additional SARE support through multi-state projects.

State sustainable agriculture extension coordinator(s): Dennis Lamm, Colorado State University

Project #	Project Title	SARE support	Project Leader	Organization
SW09-401	Farm to Fork: Connecting Our Youth with Sustainable Agriculture	\$48,988.00	Dennis Lamb	Colorado State University
SW09-053	Harnessing the Sun for On-farm Fertilizer Production	\$159,023.00	Jessica Davis	Colorado State
SW08-033	Intergrating Perennial Living Mulches into Irrigated Cropping Systems	\$146,684.00	Joe Brummer	Colorado State Univ.
SW07-502	SARE Professional Development Program for Colorado	\$25,000.00		
SW06-028	Site-Specific Manure Management for Improving Soil Quality and Sustaining Productivity	\$131,332.00	Raj Khosla	Colorado State University, Dept. of Soil & Crop Sci.
SW05-085	Supply and Market Analysis for Organic Producers in the Four Corners States	\$144,511.00	Dennis Lamm	Colorado State University
LNE05-231	Increased Profits for Sustainably Produced Garlic	\$65,000.00	Gayle Volk	USDA-ARS-NCGRP
SW04-087	Native Seed Production for Crop Diversification	\$171,121.00	Ron Godin	Colorado State University
SW02-002	Extending Irrigated Alfalfa Stand Life and Long Term Profitability by Alteration of Late-Season Harvest Schedules	\$61,270.00	Robert Hammon	Colorado State University

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SW00-018	Utilization of Compost Made from Agricultural and Forestry Wastes for Improving the Economic and Ecological Sustainability of Agronomic Crop Production on Low Organic Matter Soils in the San Luis Valley of Colorado	\$137,916.00	Richard Zink	Colorado State Univ.
SW99-056	Developing Sustainable Dryland Cropping Systems in SW Colorado and SE Utah Using Conservation Tillage and Crop Diversification	\$142,380.00	Abdel Berrada	Colorado State University
SW96-007	Reducing Environmental Contamination from Feedlot Manure in the South Platte River Basin through Agronomic, Economic, and Social Analysis and Education	\$206,000.00	Jessica Davis	Colorado State University
AW95-205	Effectiveness of Beauveria Bassiana as a Microbial Control Agent for Coleopteran and Homopteran Pests of Irrigated Alfalfa	\$36,091.00	Frank Peairs	Colorado State University
LW88-005	Compiling a Database of Sustainable Producers for the Southern Rockies Region	\$36,000.00	Rita Robinson	Sustainable Mountain Agricultural Alliance (SMALL)

PROFESSIONAL DEVELOPMENT PROJECTS

EW09-014	Curricula and Instructional Modules for Sustainable Small-Scale Greenhouse Production	\$60,000.00	Steven Newman	Horticulture & Landscape Architecture, CSU / CO
EW09-013	In-service Training and Decision-making Tools for Optimizing Livestock Mortality Management	\$97,848.00	Jessica Davis	Colorado State University / CO
EW08-016	Professional Training for Developing a Hands-On Organic Weed Management Learning Center for Commercial Market Gardens in Local Communities	\$89,492.00	Beth LaShell	CSU - San Juan Basin Research Center
EW07-008	Enterprise, Environmental and Community Development to Promote Agricultural and Heritage Tourism	\$59,973.00	Dawn Thilmany	Colorado State University
EW05-015	Manure Management: An Essential Component of 4-H Livestock Projects	\$59,927.00	Jessica Davis	Colorado State University
EW03-011	Education, Training and Outreach on Risky Decisions	\$99,600.00	Dana Hoag	Colorado State University

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EW02-004	Niche Beef Production and Marketing in Colorado	\$59,470.00	Benjamin Way	American Farmland Trust
EW02-009	Integrating Bird Conservation into Range Management	\$81,937.00	Tammy VerCauteren	Rocky Mountain Bird Observatory
EW02-017	Establishing Dialogue Between Alternative Agricultural Producers and the Land-Grant University in Colorado	\$56,000.00	Jessica Davis	Colorado State University Dept. of Soil and Crop Sciences
EW01-022	Coached Land Planning and Care	\$81,000.00	Scott Cotton	Colorado State University Cooperative Education
EW01-021	Exploration of the Ethical Basis for Agricultural Sustainability	\$26,672.00	Robert Zimdahl	Weed Research Lab, Colorado State University
EW99-006	Workshops on Land Use and Land Protection Policy	\$66,195.00	Jeff Jones	American Farmland Trust
EW97-005	In-Depth Training and Work Experience on a Community Supported Agriculture (C.S.A.) Farm	\$4,400.00	Steve Carcaterra	Colorado State University Cooperative Extension
EW96-002	Improving Manure Management to Protect Water Quality in the Southwestern U. S.	\$60,000.00	Jessica Davis	Colorado State University
EW95-018	Video Introduction to Sustainable Agriculture for Eight Western States	\$20,000.00	Joe Hiller	University of Wyoming Cooperative Extension Service
EW94-009	Permaculture Systems Pamphlet	\$5,620.00	Jerome Osentowski	Central Rocky Mountain Permaculture Institute

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GRANTS TO FARMERS				
FW11-010	Alternative crops to diversify the traditional winter wheat/fallow cropping system in Northwest Colorado	\$29,821.00	Mike Williams	
FW10-070	Effects of Sustainable Soil Amendments on Nutrient Availability in High Alkaline pH Soil in Field Production of Trees in Northeastern Colorado	\$14,379.00	Dave Rickman	
FW10-059	Expanding Small Ruminant Dairy Production	\$14,500.00	Suzanne Quintana	
FW09-030	Alternative Fertilizer for Meadow Grass Hay	\$10,775.00	Nancy Roberts	
FW09-606	2009 Colorado Organic Producers Association Tour of Farms	\$1,245.00	Adrian Card	CSU Extension, Boulder County
FW09-607	Western Regional 4-H Leaders Forum Ag Tour	\$1,750.00	William Erickson	4-H
FW09-608	Sustainability and Efficiency Ag Tour	\$1,096.00	Edward Page	CSU Extension
FW07-024	Different Goat Breed Crosses to Find the Best Tasting Meat	\$12,623.00	Holly Napier	Napier Family Farm
FW07-031	Raising Livestock and Crops Simultaneously in Unheated Greenhouses	\$14,177.00	John Socolofsky	
FW07-319	Season Extension and Crop Area Multiplication with a Moveable Hoophouse in an Organic System	\$11,230.00	Edward Page	Colorado State Univ.
FW06-028	Integrated Control of Weeds and Verticillium in Strawberry Nurseries	\$10,000.00	Brian Coleman	Ruby Mountain Nursery LLC
FW06-314	Business Plan for Producers to Create Value-added Crop-based Products	\$20,000.00	Paul Mailander	
FW05-009	Non-chemical Control of Nematodes on Potatoes	\$9,922.00	Monty Smith	Three S Ranch
FW05-309	Management Practices for Drip Irrigation in Baca County, Colorado	\$9,353.00	James Valliant	Colorado State University

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FW05-001	Range Enhancement/Predator Management/Fire Mitigation Using Goats to Control Oak-Brush	\$9,997.00	Michael Occhiato	
FW04-112	Common Standards and Labeling	\$13,500.00	Dan Hobbs	Tres Rios Agricultural Cooperative, Inc.
FW04-025	Buffalo Groves - Grassfed Bison Nutritional Research	\$6,996.00	David Groves	Buffalo Groves, Inc.
FW04-318	Using Irrigated Forage Pastures to Enhance Livestock Production Sustainability	\$13,555.00	Ken Amen	
FW03-109	Edamame Bean Production and Marketing	\$5,000.00	Phil Knob	
FW03-016	Production of Medicinal Herbs as an Integral Part of On-Farm Cheese Production and Use of Medicines for Immuno-Stimulation and Enhanced Milk Production	\$5,455.00	Denise Bohemier	
FW03-111	Market Development for an Edible Bean Food Business	\$5,000.00	Shane Atchley	
FW02-025	Colorado Organic Honey Production	\$6,000.00	Cesar Flores	
FW02-007	Propagation of Colorado Native Plants	\$7,500.00	Ann Grant	
FW02-021	Design and Building of a Facility for the Production of Goat and Sheep Milk Cheeses on the Farmstead in Rural SW Colorado	\$7,460.00	Denise Bohemier	
FW02-006	SE Colorado Range Plant Quality Database and Supplement Formulation Program	\$13,488.00	John Doherty	Mesa de Maya Ranch
FW02-014	Study to Determine if Nepeta Cataria (Catnip) Can Be Commercially Grown in Montrose, CO	\$5,000.00	Susan Bony	
FW02-003	Agricultural Systems Economics for Hay Production	\$1,030.00	Wilbur Miller	
FW01-010	Pastured Poultry as an Alternative and Enhancement to a Traditional Livestock Agricultural System	\$6,500.00	Tony Daranyi	Colorado State University
FW01-009	Tillage and Irrigation Assessment Effecting Soil Salinity along South Platte River	\$6,400.00	Randy Honstein	Natural Resources Conservation District

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FW00-012	Residue Management in Furrow Irrigated Reduced Tillage Systems	\$4,650.00	Randy Hines	
FW00-329	Paradox Valley Heirloom Foods and Native Seed Grow-Out	\$9,997.00	Martha Ames Burgess	
FW00-240	Carbondale Community Garden Cooperative	\$8,311.00	Wendy Anderson	
FW00-074	Colorado Quality Lamb: Enhancing the Economic Viability of Local Producers Through Direct Marketing to Food Service Establishments	\$5,000.00	David Myers	
FW00-277	Custer County Ag-Products Internet Marketing Project	\$2,160.00	Sara Hebbert	
FW00-302	Alternative Crop Marketing Based on a Pre-existing Urban-Rural Spiritual and Social Relationship	\$3,400.00	Paul Mailander	
FW00-038	Native Plants Nursery	\$5,000.00	John Squire	
FW00-032	Organic Soil Amendment Release Rates for Fertility in Apples	\$6,750.00	Steve Ela	
FW00-028	Building a Community-based Direct Marketing Model for Diverse Ranch Enterprises	\$5,000.00	Jeremy Gingerich	CSU Coop extension
FW99-011	Hydraulic Windmill Pump	\$2,733.00	Lonnie Jackson	
FW99-065	Sustainable Sheep Dairy Project	\$3,550.00	Steve and Carolyn Keller	
FW98-020	Testing Alternative Crop Rotations for Traditional Small Grain/Fallow System	\$3,000.00	James Faughnan	
FW98-024	Integrated Weed Management of Musk Thistle with Emphasis on Biological Control	\$2,938.00	Larry Matschke	
FW98-065	Cultures and La Manga Cattlemen's Association Range Analysis and Improvement Project	\$8,700.00	Dennis Moeller	
FW98-025	Annual Forage Production for an Intensive Winter Grazing System	\$2,665.00	John Haws	
FW97-045	Pasture Fryer Chickens	\$2,500.00	Pete Mattics	

Project #	Project Title	SARE support	Project Leader	Organization
FW97-003	Converting Pasture Land to Specialty Crop Production as an Alternative Farm Enterprise	\$2,500.00	Trent Taylor	
FW97-032	Perennial Grass Establishment in Existing Alfalfa	\$1,825.00	Douglas Wiley	
FW96-005	Habitat Management as a Transitional Tool to an Insecticide: Free Pest Management Program in Apples	\$1,500.00	Bob White	
FW95-047	Evaluation of Alternative Crops in Dryland Multi-Crop Rotations on Farms in the Northeastern Colorado Region	\$5,000.00	Joe Kinnie	Colorado Conservation Tillage Association

Graduate Student Grants

GW11-019	Impacts of Reduced Nitrogen Application During Late Growing Season on Potato Tuber Quality and Profitability	\$24,490.00	Henry Castleberry	Colorado State University
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On-Farm Grants

OW10-325	Organic Winter Production Scheduling in Unheated High Tunnels	\$38,358.00	Frank Stonaker	Colorado State University
OW10-321	Using Cattle to Rehabilitate Rangeland Vegetation and Improve Ecosystem Function	\$49,936.00	Kathy Voth	Livestock for Landscapes, LLC
OW10-309	Riducing Nitrogen Fertilizer Inputs to Irrigated Pastures and Hayfields by Interseeding Legumes	\$49,849.00	Joe Brummer	Colorado State University

Total funding from USDA SARE program to Colorado = \$2,963,014

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.