



AGRICULTURE PROJECTS FUNDED IN KENTUCKY

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

Kentucky has been awarded \$4,012,781 grants to support 85 projects, including but not limited to, 13 research and/or education projects, 20 professional development projects and 25 producer-led projects. Kentucky 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
LS18-300	Extending Roots of Fresh Stop Markets Across the Southeast Region	\$267,972	Dr.Keiko Tanaka University of Kentucky
LS16-272	Cover Crops Under Cover: Evaluating Costs, Benefits, and Ecosystem Services of Cover Crops in Year-Round High Tunnel Production Systems	\$241,615	Krista Jacobsen University of Kentucky
LS14-265	Jump Starting New Pawpaw Variety Production for the Industry: Developing Grafting and Top Working Approaches for Growers	\$203,395	Kirk Pomper Kentucky State University
LS12-251	Mapping Sustainable Farm Systems: An Integrated Focus on Upper South New Producers as Catalysts of "Good Stewardship"	\$270,000	Dr.Keiko Tanaka University of Kentucky
LS06-185	Biofumigation for soil health in organic high tunnel and conventional field vegetable production systems	\$170,000	Dr.Michael Bomford Kentucky State University
LS03-151	Development of Organic Production Practices for Pawpaw on Selected Rootstocks	\$153,698	Kirk Pomper Kentucky State University
LS03-182	Review of SSARE-funded Soil and Water Quality Projects: 1988-2003	\$50,000	Victoria Mundy Bhavsar University of Kentucky Research Foundation
LS01-127	Organic Management of Cucumber Beetles in Cucurbits	\$134,038	John Sedlacek Kentucky State University Gary Cline Kentucky State University
LS99-098	Organic Vegetable Production for Limited Resource Farmers	\$19,100	Gary Cline Kentucky State University

LS99-104	Enhancing Farmers' Income through Polyculture of Paddlefish with Catfish in the Southern Region	\$140,135	Stephen D. Mims Kentucky State University
LS99-105	Enhancing Feasibility for Range Poultry Expansion	\$175,740	Steven Muntz Heifer International
LS97-089	Integration of Freshwater Prawn Nursery and Growout Systems Into Diversified Farm Systems	\$155,197	James H. Tidwell Kentucky State University
LS92-050	Participatory Assessment for Strategic Planning in Sustainable Agriculture Research and Education	\$183,550	James V. Worstell Community Farm Alliance

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
ES17-133	Ecological Livestock Production: Integration of nutrient cycling, pasture management, winter feeding, and watering systems	\$79,064	Greg Halich University of Kentucky
ES16-130	Training Extension agents in Kentucky and Oklahoma on the Food Safety Modernization Act and food safety, sanitation, and good hygiene practices related to products for sale at farmers market	\$78,166	Paul Priyesh Vijayakumar University of Kentucky
ES10-101	Developing a Training Program in Sustainable Vegetable Production for Agricultural Professionals in Kentucky and Tennessee	\$59,532	Dr.Timothy Coolong University of Kentucky
ES07-087	Kentucky Sheep and Goat Herder Curriculum – Phase I	\$90,000	Ricky Yeargan University of Kentucky Cooperative Extension Service
ES05-080	Small-Scale Poultry Production: Sustainability Training	\$129,530	Steven Muntz Heifer International
ES05-081	Regional Meat Goat Production and Marketing Project: Phase 2	\$9,578	Dr.Marion Simon Kentucky State University
ES05-082	Regional Meat Goat Production and Marketing Project: Phase 2	\$20,000	Dr.Marion Simon Kentucky State University
ES04-072	The Value-added Microprocessor Project	\$94,228	Sandra Bastin University of Kentucky
ES04-074	Enhancing Alternative Niche Market & Retail Opportunities for Agricultural Products	\$47,127	Betty King University of Kentucky
ES04-075	Regional Goat Production and Marketing Project	\$84,550	Dr.Marion Simon Kentucky State University
ES03-070	Barriers and Opportunities for Adding Value to Small Ruminant Animals	\$44,490	Betty King University of Kentucky

ES02-063	Adding Value with Small-Scale Fruit and Vegetable Processing	\$41,965	Betty King University of Kentucky
ES01-052	“The Third Tuesday-Thursday Thing”: Building on Kentucky’s Experiences and Expanding the Sustainable Agriculture Educational Model into Tennessee	\$50,000	Dr.Marion Simon Kentucky State University
ES00-048	Training in Size Appropriate Technology for Hill Farmers	\$84,686	Betty King University of Kentucky
ES00-049	Nutrient Management Plans as Tools to Achieve Sustainable Animal Waste Utilization	\$83,056	Stephen Coleman Kentucky Division of Conservation
ES97-032	Responding to Expressed Needs: SARE/ACE Regional Training with the Sustainable Dairy Systems Manual and Software	\$48,500	Dr.Clark Garland University of Tennessee Steve Isaacs University of Kentucky
ES97-015	Kentucky Cooperative Extension System Training Project	\$50,000	Dr.Marion Simon Kentucky State University
ES97-026	Community Food Security and Marketing Capacity Development in Kentucky	\$79,970	Karen Armstrong-Cummings Commodity Growers Cooperative
ES97-028	Grass-roots Empowerment in Kentucky’s Local Conservation Districts: Leadership Training on Sustainable Land and Water Quality Management Practices	\$86,280	Stephen Coleman Kentucky Division of Conservation
LST96-011	Southern Gathering on Agricultural Problem Solving	\$52,000	Ronald J. Hustedde University of Kentucky

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FS18-311	Evaluating Sweet Sorghum and Poultry Alley Cropping in Agroforestry as an Economical and Sustainable Alternative to Tobacco Crops	\$9,436	Matthew Wilson
FS17-301	Using Lotus as an Alternative Crop to Generate Farm Income	\$9,696	Cheryl Pan Farmer
FS14-279	A comparison of organic no-till and traditional tillage/cultivation systems on a small-scale vegetable farm	\$2,344	Maggie Bowling River Bend Farm
FS12-258	Soil Analysis Directed Ground Cover Approaches to Excessive Canopy and Weed Control in Southern Vineyards	\$7,007	Dr.David Hall Eddy Grove Vineyard, Inc
FS06-204	Developing Dual Purpose Quail for Small Farmers	\$7,600	Martin H. Meers Black Forest Poultry Farm
FS04-182	Control of Internal Parasites in Goats	\$7,289	Wayne Kirby

	with Rotational Grazing of Sericea Lespedeza		
FS03-168	Kentucky Coordinated Poultry Alliances	\$7,086	Matthew D. John Shady Lane Poultry Farm, Inc.
FS02-148	Market Enhancement and Outreach Project	\$12,800	Janet Eaton Farm & Garden Market Cooperative Association
FS01-130	Improving Salad Mix Quality and Yield Through Soil Management and Post Harvest Techniques	\$9,600	Carol Cassidy C/O Whitestone Organic Farm
FS01-137	Marketing Edamame Soybeans in Kentucky	\$9,133	Sara McNulty Wildwood Acres
FS01-141	Pastured poultry production	\$7,003	Mac Stone
FS01-144	Opti-Maizing Beef Cattle Profits and Environmental Quality	\$12,716	Beth Wilson Pulaski County Ag. Advancement Council
FS00-109	Marketing Timber After Adding Value Through the Use of One-Person Sawmills and Solar Kilns	\$10,000	Michael Best
FS00-126	Locally Produced Chicks for Use in Pastured Poultry System	\$9,869	Laura Rogers
FS99-084	Utilization of Wood Waste and Agricultural By-products in High-value Gourmet Mushroom Production	\$9,507	Gary Anderson
FS99-100	Alternative Pollinators	\$3,475	Roger Smith
FS98-066	Adding Value to Kentucky Grown Produce Through Season Extension and Market Development	\$8,670	Ann Bell Elmwood Stock Farm
FS97-046	Sustainability Starts at Home-Building Regional Self Reliance through Agritourism	\$9,580	Karen Armstrong-Cummings Commodity Growers Cooperative
FS97-055	Overwintering Survival of Kentucky Honeybees	\$5,283	Mark Q. Lee
FS97-056	Managed Grazing System to Increase Sustainability	\$2,630	Evan McCord Madison County Beef Cattle Association
FS97-062	Maximizing Corn Production in the Mountains of Southeast Kentucky	\$4,955	David Teague Henderson Settlement
FS96-040	Technical Assistance for Meat Goat Marketing	\$8,900	Neil Hoffman

			Eastern Kentucky Goat Producers Association
FS96-039	Group Strategic Alliances for Carroll County Feeder Calves	\$10,000	Tim Hendrick Kentucky Cooperative Extension Service
FS95-031	Improving Quality of Slaughter Hogs as a Marketing Strategy for Small Producers	\$9,150	Judy Williams Bluegrass Pork Producers
FS94-017	Shrimp Polyculture in Existing Farms	\$3,109	Mark & Carolyn Straw Straw Ridge Farm

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GS18-183	Improving Sustainable Weed Management in Soybean Agroecosystems Through Cover Cropping	\$16,490	Erin Haramoto University of Kentucky Ryan Collins
GS13-125	Economic Analysis of Commercial Aquaponic Production Systems	\$9,975	Dr.Timothy Woods University of Kentucky Kevin Heidemann University of Kentucky
GS08-065	Effects of organic amendments on aggregation and microbial community dynamics in soils	\$10,000	Elisa D'Angelo University of Kentucky Mark Williams University of Kentucky Shawn Lucas University of Kentucky - Dept. of Plant and Soil Sciences
GS08-072	Sustainable Management for Scarab Pests Impacting Grape Production in the Southern Region	\$9,750	Dr.Daniel Potter Dept. of Entomology Dr.Derrick Hammons University of Kentucky
GS02-014	Streambank Erosion Associated with Grazing Activities in Kentucky	\$9,836	Dwayne Edwards University of Kentucky Carmen Agouridis University of Kentucky
GS00-003	Resilience of Nitrogen Availability and Retention in Soils of Kentucky Certified Organic Farms	\$6,900	Mark Coyne University of Kentucky Victoria Bhavsar University of Kentucky

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
OS16-097	Brassicaceous Cover Crops to Reduce Root Knot Nematode and Improve Soil Quality in Protected Tomato Production Systems	\$14,990	Emily Pfeufer University of Kentucky
OS16-099	Alternative Substrate for Soilless Production of Vegetables	\$12,834	Dr.John Snyder University of Kentucky
OS14-092	A New Appropriate Technology Machine System to Benefit the Sustainability of Local Organic Vegetable Production	\$14,906	Dr.John Wilhoit University of Kentucky
OS13-076	Elucidating the Spread and	\$15,000	Dr.Nicole Ward Gauthier

	Transmissibility of Blueberry Mosaic Virus, a New Disease of Blueberry in the Southeastern U.S.		University of Kentucky
OS13-070	Clinical Mastitis Incidence in Compost Bedded Pack Barns as Compared to Freestall Barns	\$13,750	Dr.Jeffrey Bewley University of Kentucky
OS09-047	Sweetpotatoes: A profitable crop for small farms in rural Eastern Kentucky	\$14,791	Dr.Timothy Coolong University of Kentucky Sarah Fannin University of Kentucky Cooperative Extension
OS04-019	Production Costs and Techniques for Blueberry Establishment in Eastern Kentucky	\$3,764	Matt Ernst University of KY
OS03-008	Limiting Grazing Cattle Access to Ponds to Improve Water Quality, and water and Feed Intake	\$14,945	Stephen Workman University of Kentucky
OS03-009	Year Round Beef Cattle Grazing Strategy to Eliminate or Reduce the Use of Stored Feeds	\$15,000	David Ditsch
OS03-011	Goat Friendly Pastures	\$14,975	Terry Hutchens Univ of Kentucky & Kentucky State Univ
OS03-014	Kentucky Blueberry Market Development	\$4,786	Dr.Timothy Woods University of Kentucky

SUSTAINABLE COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE support	Project Leaders
CS09-069	New opportunities on the Farm – Community and Farm Revitalization in Five Eastern Kentucky Counties	\$10,000	Gayle Clevenger East Kentucky Foothills Eco-Agritourism, Corp
CS07-052	Growing healthy markets: healthy farms, healthy food project	\$10,000	Donald Van Erden Community Farm Alliance Elizabeth Ledford Community Farm Alliance
CS04-020	Women Taking the Lead for Kentucky Agriculture	\$9,900	Gae Broadwater Kentucky Women in Agriculture, Inc.
CS04-025	Aquaculture Development in the Pine Mountain Region of Southeast Kentucky	\$10,000	Paul Pratt Southeast Community College
CS03-013	Expanding Community-Based Retail Opportunities for Agricultural Products Through the Woodford County Farmers' Market Association	\$9,700	Betty King University of Kentucky
CS02-006	Keen on Beans: Establishing Edamame Awareness and Demand for Kentucky Consumers and Growers	\$8,712	Martha Lee U of KY Cooperative Extension Service-Daviess Co.

PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
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SKY17-001	SKY17-001	\$44,444	Dr.Paul Vincelli University of Kentucky Dr.Marion Simon Kentucky State University
SKY17-002	SKY17-002	\$11,111	Dr.Marion Simon Kentucky State University Dr.Paul Vincelli University of Kentucky
SKY16-002	2016-2017 Model State Program Kentucky State University	\$11,111	Dr.Marion Simon Kentucky State University
SKY16-001	2016-2017 Model State Program University of Kentucky	\$11,111	Dr.Paul Vincelli University of Kentucky

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For further information on projects, contact Candace Pollock, Southern SARE public relations coordinator, at (770) 412-4786 or cpollock@uga.edu.

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