



AGRICULTURE PROJECTS FUNDED IN GUAM

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

Guam has been awarded \$1,538,138 grants to support 42 projects, including but not limited to, 9 research and/or education projects, 7 professional development projects and 21 producer-led projects. Guam has also received additional SARE support through multi-state projects.

State Sustainable Agriculture Coordinator:

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RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
SW09-067	Island to Island, Farmer to Chef: Ag Agricultural Marketing Proposal	\$133,967	Robert Bishop
SW09-304	Replacing Feed Imports With Local Feed Resources in the Western Pacific	\$47,207	Dr.Manuel Duguies Cooperative Extension Service
SW08-067	Decline of Casuarina equisetifolia: A Loss to Pacific Island Agroforestry	\$140,680	Roger Brown, Jr. University of Guam Dr.Robert Schlub University of Guam
SW05-00B	Preservation of Traditional Medicinal Plants on Guam	\$18,615	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service
SW02-048	Alternative Housing Structure for Livestock and Poultry in Micronesia	\$26,857	Dr.Manuel Duguies Cooperative Extension Service
SW01-017	Commercial Production of Tropical Mushrooms Grown Organically	\$36,081	George Wall CALSAES, University of Guam
SW99-047	Strengthening through Education the Sustainability of Solanaceous Crop Production in the Western Pacific Region	\$16,000	Dr.Robert Schlub University of Guam
SW99-048	Evaluation and implementation of nitrogen fixing species in hedgerow intercropping in Marianas	\$132,000	Mari Marutani College of Nat. & Appl. Sciences, Univ. of Guam
SW98-041	Evaluation of Processing Food Refuse and By-products for Growing Finishing Swine	\$121,850	Farouq Abawi University of Guam

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
EW14-006	Plant Disease Diagnostic Training for Agricultural Professionals in Guam and the Northern Mariana Islands	\$63,900	Dr.Robert Schlub University of Guam
EW09-012	Increasing Ecological Insect Pest Management on Guam Through Building Agriculture Professionals' Understanding of Semiochemicals	\$59,990	Gadi V.P. Reddy, Ph.D. University of Guam Dr.Gadi V.P. Reddy Montana State University-Bozeman
EW08-018	Enhancing Ecological Disease Management on Guam Through Building Agriculture professionals' Understanding of Soil Nutrients	\$49,962	Roger Brown, Jr. University of Guam Dr.Robert Schlub University of Guam
EW05-007	Transfer of Research Based Knowledge in Agriculture in the American Pacific	\$74,507	Dr.Manuel Duguies Cooperative Extension Service
EW05-017	Capacity Building and Training in Commercial Aquaculture for Guam, Commonwealth of the Northern Marianas, and American Samoa	\$90,000	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service
EW99-002	People Improving Growth for Swine (PIGS) in Micronesia	\$47,540	Dr.Manuel Duguies Cooperative Extension Service
EW98-011	Portable Extension Office for Program Literature Exchange (PEOPLE)	\$41,360	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FW17-014	My Boars Are In Iowa	\$13,597	Eddie Saure Eddie Saure
FW17-050	Ducks in a Row: Raising Ducks on Guam for Production and Pest Control	\$19,206	Maegan Paloma Maegan Paloma
FW16-015	From Peewee to Large Eggs	\$11,393	Alex Coloma Agriculture
FW16-030	Rotating Paddock-style Systems in Tropical Environments	\$17,196	Hertha Van Beurden Paradise Natural Farm
FW15-041	Raising Black Soldier Fly Larvae as Chicken Feed in a Tropical Region	\$8,232	Chelsa Muna-Brecht P.U.N.G.Co Farms
FW08-046	Growing Papaya Using Aquaculture Effluent in an Automated Drip Irrigation System	\$14,800	David Crisostomo
FW08-048	Living Mulch on Guam	\$13,000	Laila Pierson
FW08-313	Kona to Guam Weaving the Farmer	\$19,625	Phoebe Wall

	Chef Network		University of Guam Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service
FW06-026	Multi-crops on Plant Beds on Guam	\$5,915	Laila Pierson
FW05-003	Wastewater Delivery System for Irrigation and Soil Enrichment on Guam	\$4,570	John Benaventa Triple B Farms
FW05-013	Recycling Fish Waste to Fertilize Guam Farms	\$19,809	Ernie Wusstig
FW05-312	Maximizing Production Efficiency in a Three-Stage Integrated Agriculture System Using Taro, Tilapia, Aquatic Plants and Fancy Guppies	\$9,951	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service
FW04-302	Greenhouse Water Barrier	\$10,871	Pete Terlane Guam Department of Agriculture
FW04-104	Lei Making and Marketing – A New Approach to Marketing	\$6,750	Antoinette Okada
FW02-017	Decreasing Dependence on Man-Made Fertilizers for Crop Production in Tropical Limestone Soils	\$5,200	Ernie Wusstig
FW00-064	Adopting Health Programs and Improving Weaning Facilities in Management of Piglet Diarrhea on Guam	\$7,085	Ricardo Cruz, Jr.
FW99-015	Mushroom Production	\$3,950	David Nelson
FW99-031	Genetic Upgrading and Improving Goat Management Practices on Guam	\$6,000	Loella Armstrong
FW97-054	Use of Sunnhemp in Cucumber Production	\$4,300	Felix Quan
FW96-029	Dry-Extrusion of Wet Garbage for Swine Feeding	\$4,350	George Pangelinan
FW96-030	Vegetable Soybean Cultivar Trials	\$3,020	Felix Quan

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
OW15-031	Seven Trees, Seven Practices: Demonstrating Agroforestry in the Western Pacific	\$47,899	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service

OW14-026	Screening tomato varieties for suitability on Guam in response to the arrival of Tomato leaf curl Guam virus in the Western Region	\$49,500	Dr.Robert Schlub University of Guam
OW10-322	Local Feed Formulation for Goats	\$41,485	Dr.Manuel Duguies Cooperative Extension Service

PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
WSP17-006	2018 University of Guam PDP Project	\$39,999.70	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service Mark Acosta University of Guam, Cooperative Extension

ENHANCED STATE GRANTS GRANTS

Project #	Project Title	SARE support	Project Leaders
MW17-005	Pacific Island	\$49,918	Dr.L. Robert (Bob) Barber, Jr. University of Guam Cooperative Extension Service

**Total funding from the USDA SARE program to
Guam
\$1,538,138**



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

Sustainable Agriculture Research and Education (SARE) is funded by USDA's National Institute of Food and Agriculture (NIFA).