

---

**AGRICULTURE PROJECTS FUNDED IN HAWAII**  
**by USDA's**  
**Sustainable Agriculture Research and Education (SARE) Program**  
**1988-2009**

---

Summary: Hawaii has received \$2,745,251 to support 61 projects, including 17 research and/or education projects, ten extension projects and 34 producer-led projects. Hawaii also has received additional SARE support through multi-state projects.

---

State sustainable agriculture extension coordinator(s): Theodore Radovich, University of Hawaii at Manoa

<b>Project #</b>	<b>Project Title</b>	<b>SARE support</b>	<b>Project Leader</b>	<b>Organization</b>
SW09-502	Sustaining Moloka'i Native Hawaiian Family Farms	\$47,420.00	Glenn Teves	University of Hawaii
SW09-102	Voluntary Long-term Protection of Agricultural Land in Hawaii	\$82,814.00	Richard Bowen	University of Hawaii at Manoa
SW08-037	Using sunn hemp and its allelopathic compounds as a sustainable option	\$156,105.00	Koon-Hui Wang	Univ. of HI, Office of Research Services
SW07-073	Enhancing Phyto-nutrient Content, Yield and Quality of Vegetable with Compost Tea in the Tropics	\$162,500.00	Theodore Radovich	University of Hawaii
SW04-064	Management of Banana Bunchy Top in Hawaii	\$90,458.00	Rodrigo Almeida	University of Hawaii at Manoa
SW03-055	Development of a Sustainable Polyculture Production and Marketing System for Exotic Tropical Fruits	\$149,500.00	Richard Bowen	Department of Nat Res and Envir Mngt UH University of Hawaii
SW03-010	Neem and Papaya Fruit Extracts for Control of Golden Apple Snail in Wetland Taro: Efficacy Testing	\$31,831.00	Mel Jackson	Hawaii Agriculture Research Center
SW03-003	Cropping Systems to Control Tropical Soil-Borne Pests in Dryland-Grown Taro	\$257,827.00	Susan Miyasaka	University of Hawaii Hawaii Branch Stn.
SW01-066	Nature Farming at Wheeler Elementary	\$37,980.00	Joe Lee	Wheeler Elementary School

<b>Project #</b>	<b>Project Title</b>	<b>SARE support</b>	<b>Project Leader</b>	<b>Organization</b>
SW99-022	Adaptation of a Natural Farming System to Vegetable Farm Production in Hawaii	\$85,134.00	Susan Schenck	Hawaii Ag Research Ctr
SW99-005	Agronomic and Pathological Research for Sustainable Production	\$146,700.00	Janice Uchida	Office of Research Services
SW97-001	Management of Soil-borne Plant Parasitic Nematodes for Sustainable Production of Field Grown Tomatoes and Cucumbers by Cover Cropping	\$21,900.00	John McHugh	Waikele Farms
SW96-003	Evaluation of a Perennial Vegetable, Asparagus, as a New Commercial Crop for Hawaiian Farmers	\$49,595.00	Susan Schenck	Hawaiian Agriculture Research Center
AW95-103	Orchard Alley Cropping the Subhumid Tropics		Craig Elevitch	AgroForester (formerly Source Ecosystems)
LW92-002	Integrated Hog Farming and Market Gardening for Small Farmers in Tropical Areas of the Western Region	\$36,000.00	Kent Fleming	University of Hawaii at Manoa
LWE92-002	Integrated Hog Farming and Market Gardening for Small Farmers in Tropical Areas of the Western Region	\$36,000.00	Kent Fleming	University of Hawaii at Manoa
LW89-011	A Comparative Study of Low Input and High Input Taro Production in American Pacific with Special Reference to Pest Control	\$258,430.00	Agnes Vargo	American Samoa Community College

### **PROFESSIONAL DEVELOPMENT PROJECTS**

EW08-013	Promoting Adaptive Management with "Tropic Sun" Sunn Hemp (Crotalaria Juncea) in Hawaii for Ecological Strategies in Weed Control, Nematode Suppression and Nutrient Management	\$53,768.00	James Leary	Dept. of Plant & Environmental Protection Sciences
EW07-004	New Crops for Pacific Island Agroforestry	\$80,000.00	Craig Elevitch	Permanent Agriculture Resources
EW05-009	Pacific Island Agroforestry Workshops and Field Visits	\$59,777.00	Craig Elevitch	Permanent Agriculture Resources
EW03-002	New Farmers: Choosing the Road Less Traveled	\$90,000.00	Samir El-Swaify	University of Hawaii

<b>Project #</b>	<b>Project Title</b>	<b>SARE support</b>	<b>Project Leader</b>	<b>Organization</b>
EW02-001	Species Profiles for Pacific Island Agroforestry	\$94,971.00	Craig Elevitch	Permanent Agriculture Resources
EW00-026	Sustainable Pest Control for the Tropics	\$78,090.00	Richard Bowen	Univ. of HI at Manoa - NREM
EW98-004	Agroforestry Handbooks for Pacific Islands	\$57,885.00	Craig Elevitch	Permanent Ag Resources
EW98-012	Covering New Ground: Tropical Cover Crops for Improving Soil Quality	\$85,400.00	Richard Bowen	Department of Ag & Resource Economics, University of Hawaii
EW97-003	Tools for Sustainability: Sustainable Agriculture Video Training Tapes for the Pacific Islands Region	\$64,295.00	John Craven	Common Heritage Corp.
EW94-014	Training "Agents" in On-Farm Implementation of Sustainable Management Systems for Tropical Agriculture in Hawaii and the Pacific Region	\$89,000.00	Po-Yung Lai	University of Hawaii

#### **GRANTS TO FARMERS**

FW09-603	Hawaii Natural Farming Swine Tour	\$2,000.00	Michael DuPonte	University of Hawaii at Manoa, CTAHR
FW09-043	Aversion Training for Sheep within Kona Coffee Orchards	\$11,760.00	Fred Cowell	
FW09-025	Maximizing the Utilization of Bamboo in the Hawaiian Islands	\$14,460.00	Rich Von Wellsheim	
FW09-012	Project Fresh: Mountain View Community Gardens	\$30,000.00	Neena Roumell	
FW09-311	Diversifying Hawai'i Aquaculture with Clam and Oyster Culture	\$50,000.00	Maria Haws	University of Hawaii at Hilo
FW09-044	Quantifying Secondary Compounds in Common Pasture Vegetation for Behavior Based Grazing Management in Hawaii	\$30,000.00	Amber Starr	
FW09-027	Evaluating New Windbreaks and Covercrops for Tropical Fruit Crops	\$12,206.00	Jane Teves	

<b>Project #</b>	<b>Project Title</b>	<b>SARE support</b>	<b>Project Leader</b>	<b>Organization</b>
FW09-002	No Chill Stone Fruit For Hawaii	\$9,528.00	Ken Love	
FW09-004	Integrating Existing Crop and Livestock Enterprises on a Native Hawaiian Homestead Farm	\$12,580.00	Conrad Aquino	
FW08-049	Healthy Foundation, Healthy Bees: Making Organic Wax Foundation for Beekeepers	\$13,999.00	Vocano Is. Honey Co.	
FW07-034	Choosing the Best Figs for Hawaii	\$29,704.00	Ken Love	
FW05-314	A Superhero Without a Cape: Using the Cover Crop Sunn Hemp to Feed the Soil, Suppress Nematodes, and Smother Weeds	\$7,716.00	Cerruti RR Hooks	University of Hawaii at Manoa
FW04-114	Creating a Culture of Bamboo	\$4,816.00	Rich von Wellsheim	Ola Honua
FW04-011	Conversion of Fish Processing Waste to Fish/Animal Feed, Chum and Fertilizer	\$6,695.00	Takumi Shirakawa	
FW04-115	Agroforestry and Reforestation Workshop	\$527.00	Rich von Wellsheim	Ola Honua
FW03-025	DDT Removal Using Biodynamic Agricultural Methods	\$6,932.00	Marie Mauger	
FW03-205	Field Management/Mulch Project	\$5,232.00	Fernand Severi	
FW03-206	Grow Your Own Sustainable Barn	\$7,396.00	Robert Layer	
FW03-018	Recovery of Tropical Pastoral Systems	\$6,875.00	Dwayne Cypriano	
FW03-114	Grass-Fed Beef Education Program for Food Service Professionals	\$6,800.00	Richard Habein	Habein Livestock Company
FW02-008	Increasing Marketable Production of Exotic Tropical Fruits with Protective Covering	\$12,850.00	Ken Love	
FW01-021	Increasing the value of products from small family farms by enriching the culinary experience of the local consumers	\$4,000.00	Glenn Shinsato	Univ of HI

<b>Project #</b>	<b>Project Title</b>	<b>SARE support</b>	<b>Project Leader</b>	<b>Organization</b>
FW00-335	An On-Farm Educational Approach to Directly Marketing "the Other White Meat"	\$9,900.00	Daphne McKeehan	12/01 - this address was returned & labeled "no receptacle"
FW00-077	Rejuvenation of a 60 Year Old Lychee Orchard by Pruning and Fertilizer Applications to Maximize Production	\$4,000.00	Elisabeth Ladoux	
FW99-059	Flower Induction of Rambutan	\$2,100.00	Liloa Willard	
FW99-066	Lone Palm Sprouts Water Recapture and Recycle System	\$5,000.00	David Rotstein	
FW99-056	Hot Water Immersion Unit for Disinfestation of Hawaii-Grown Lychee and Longan	\$5,000.00	Michael Strong	Kahili Farms
FW98-004	The Conversion of Agricultural Waste into Plant and Fish Food	\$3,400.00	Robert Gann	Univ. of Hawaii
FW98-075	High Quality Perennial Forage Peanut (Arachis pintal) Pastures for Sustainable Cattle Production in Hawaii	\$5,000.00	Zach Gibson	
FW98-062	Free Range Pork Production	\$5,390.00	Samuel Okami	
FW98-063	Total Utilization of Swine Waste for Crop and Hog Productivity	\$4,985.00	Ronald McKeehan	
FW97-017	Growing Ring-Spot Virus-Free Papayas Using Anti-transpirants and Other Sustainable Techniques	\$4,000.00	Jon Biloon	
FW97-004	Sustainable Alternatives To Herbicide for Weed Control: Using Cover Crops To Combat Panicum repens and Panicum maximum In Lowland, Eastern Hawaii	\$3,500.00	Paul D. Acciavatti	Wailea Spring Farm
FW96-049	Sustainable Greenhouse Tomato Production: Evaluating Alternatives to Pesticide Use for Controlling Tomato Pinworm Larvae in Hawaii	\$3,520.00	Shari Tresky	Mariah Farm

---

**Total funding from USDA SARE program to Hawaii = \$2,745,251**

For further information on projects, contact Ron Daines, Western Region Communications Specialist, 435-753-2766, [rjdaines@msn.com](mailto:rjdaines@msn.com), or Dena Leibman, SARE National Communications Specialist, [communications@sare.org](mailto: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.