



AGRICULTURE PROJECTS FUNDED IN NORTHERN MARIANA ISLANDS

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2019

Northern Mariana Islands has been awarded \$469,110 grants to support 26 projects, including but not limited to, 1 research and/or education project, 2 professional development projects and 21 producer-led projects. Northern Mariana Islands has also received additional SARE support through multi-state projects.

RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
SW06-042	Sustainable Forage and Livestock System for the Island of Tinian	\$10,000	Dr.Allan Sabaldica NMC-CREES

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
EW12-034	Building Capacity within the Commonwealth of the Northern Mariana Island's (CNMI) Aquaculture Development Program (ADP) in Marine Finfish Hatchery Production to Create Opportunities for Farmers and Alleviate Pressure on Wild Fish Stocks	\$45,407	Michael Ogo Northern Marianas College; Cooperative Research, Ext, and Education Service
EW08-017	Technology Transfer of Alternative Plant Medicines for Livestockhealthcare in the Western Pacific	\$97,074	Dr.Allan Sabaldica NMC-CREES

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FW19-345	Improve dragon fruit production in the Northern Marianas Island through hands-on student education	\$14,900	Francis Mendiola CNMI Public School System
FW11-002	"Mitigating Production and Environmental Costs in Shrimp Farming with the Use of Bio-floc Production Technology"	\$15,000	Augustine Maratita producer
FW10-033	Development of ready-to-cook frozen taro (Colocasia Esculenta) in the Northern Marianas Islands	\$14,480	Asapmar Ogumoro Marianas Farmer/NMC-CRESS
FW09-036	Maximizing Aquaculture Productivity with Sequential Polyculture Systems	\$14,892	Carolyn Hosono
FW09-050	Sustaining Deer Production in the Island of Rota	\$10,000	Ricardo Atalig
FW09-051	Pineapple Production in the CNMI	\$14,729	Alejandro Badilles Northern Marianas College

JOSEPH BORJA
marianas sweet pineapple

FW09-052	Demonstrating Alterantive Poultry Production System in Tinian	\$9,000	Ben Borja
FW09-006	Demonstration of the Feasibility of Solar Energy in Sustainable Aquaculture to Address High Costs in Conventionally Produced Electricity	\$10,469	Pedro Ariola
FW08-024	Sustaining Tilapia Production in the CNMI Through the Use of an Artificial Fry Incubation System	\$15,000	Ines Guererro
FW08-025	An Integrated System for Growing Vegetables	\$12,456	Joshua Calvo
FW08-305	Comparative Study of Cuban Slugs (<i>Veronicella cubensis</i>) Suppression Using Grazing Ducks, Neem (<i>Azadirachia indica</i>) Extract and Chemical Baits in the CNMI	\$23,673	Alejandro Badilles Northern Marianas College
FW07-001	Neem Tree Production for Alternative Pesticides, Nematode Control and Fertilizers	\$14,500	Francisco Atalig
FW07-307	Livestock Genetic Improvements in the Commonwealth of the Northern Mariana Islands	\$29,974	Dr.Allan Sabaldica NMC-CREES
FW06-010	Coconut Crab Production Using Recycled Food Sources	\$10,000	Henry Atalig
FW04-206	The Further Development of Organic Systems for the Production and Multiplication of the Polynesian Arrowroot and Other Medicinal Plants in the CNMI	\$7,500	Felix Mendiola
FW03-017	Rat Control in Pineapples on Rota	\$5,969	Lino Mendiola
FW03-020	Sustainable Slug Control for Vegetable Growers and Gardeners on Rota, Commonwealth of the Northern Mariana Islands	\$6,000	Francisco Calvo F.J. Calvo Enterprises
FW01-091	Luta Windbreak / Agroforestry Project	\$7,485	Ephram Taimanao
FW01-092	Rota Coffee Company	\$14,980	Beato Calvo CREES Coordinator
FW00-104	Aquaculture and Fertigation Project	\$5,000	Vincent Calvo
FW98-003	Local Feed Production for Tilapia	\$4,500	Nicolas Songsong

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
OW10-305	Research and Development of Hydroponic Systems for the Commonwealth of the Northern Marianas Islands.	\$24,872	Valrick Welch Northern Marianas College

PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
WSP19-028	CNMI State Program Plan 2020-2021	\$31,250	Lawrence Duponcheel Northern Marianas College SollyAnn Nakamura Northern Marianas College

**Total funding from the USDA SARE program to
Northern Mariana Islands
\$469,110**



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

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