

P.O. Box 520134 San Jose, Tinian MP 96952 USA
Office Number: (670) 433-2576 • Fax: (670) 433-2161
E-mail: allans@nmcnet.edu

USDA-WSARE PDF State Coordinator-Mariana Islands
Animal Scientist / Livestock Extension Specialist

Dr. Allan C. Sabaldica

To send your questions, inputs and suggestions, please contact:

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"Educational programs are open to all, regardless of age, race, color, national origin, gender, religion or disability."



2010 Western SARE CALENDAR

*Excellence, Teamwork and Great Collaborations for a
More Secure and Sustainable Agriculture in the CNMI!*



Message from the Northern Marianas College President

Over the past couple of years, the Northern Marianas College, through the strong support of the Western Sustainable Agriculture Research and Education (WSARE), has made great strides in opening doors of personal and professional opportunities for the CNMI Community. This partnership between WSARE and NMC has been able to help jumpstart and promote various industries and commodities, as well as offer continual services in training, maintenance, and consultation to its clients.

The workshops, conferences, personalized training, and funding made possible by WSARE continue to make a positive impact in the community. In the past year alone, CREES's aqua- and agricultural divisions have seen great success in the number of clients who are initiating projects of different size and scope throughout the CNMI.

While much research continues at the NMC Cooperative Research Extension and Education Service's laboratories and research fields, we will continue to direct our energy and resources to boost the competitiveness, value and sustainability of local industries. The College remains committed to providing farmers and ranchers in the community with the latest information, techniques, and training to help improve agricultural and livestock practices, which in turn will contribute to the quality of life in the CNMI.

We look forward to hearing from and working with you. Have a great holiday season and a prosperous new year!

Dr. Carmen Fernandez
President, Northern Marianas College



Message from the NMC-CREES Director

Buenas dias,

As the NMC-CREES Director, I am humbled in sharing my thoughts of this year's Western Sustainable Agricultural Research and Education (WSARE) calendar. My colleagues at the college and I are proud of the various strides we have made through the support of WSARE, and most especially your contribution as clients and stakeholders. This is

our second calendar showcasing your efforts to advance and actively pursue sustainable farming and ranching in this great commonwealth of ours. Although this calendar only showcases the work of the present, it brings forward the pledge of a bright, sustainable opportunity for the farmers and ranchers of the CNMI in 2010. I will be remised if I did not encourage you to visit our offices on Saipan, Tinian, and Rota for professional consultation. Only through your active involvement can we move the CNMI's agriculture industry towards being viable in this global economy.

Si Yu'us Ma'ase, yan Oloomway,

Ross S. Manglona
Director, NMC-CREES



Message from the Western SARE PDP Coordinator, Northern Mariana Islands

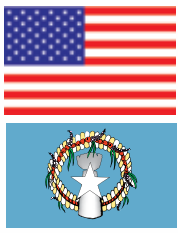
Hafa adai, Marianas!

It is with great pleasure and pride to present you the sustainable works, achievements and new opportunities from our proud producers and professionals of the U.S Commonwealth of the Northern Mariana Islands through our 2010 Western SARE Calendar. As our organization continues to grow to

meet the demands of the CNMI Agriculture, we would like to share our commitment to serve the community for a better, more secure and sustainable agriculture. Always keep in mind, Be profitable, environmentally sound and good for communities is sustainable !

Dr. Allan C. Sabaldica
Coordinator, Western SARE NMI





"Nurturing Kids for Tommorow's Agriculture"
4-H Youth Development Program

4-H Program Manager- **Lawrence Duponcheel**
 Dean **Manglona** - Rota • **Polly Omechalang** - Saipan



January



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
					New Year's Day	
3	4	5	6	7	1	2
10	11	12	13	14	15	16
17	Martin Luther King Jr. Day	19	20	21	22	23
24						
31	25	26	27	28	29	30



FW09-051 - Pineapple Production in the CNMI, \$14,729
 Farmer Joaquin Borja Technical Advisor Alejandro Badilles
FW08-025 - An Integrated System for Growing Vegetables
 Project Coordinator Joshua M. Calvo,
 Technical Advisor Felix Calvo



“Enhancing Agricultural Profitability for the CNMI”
Crop Improvement Program



Program Leader - **Dr. Dilip Nandwani**
Anthony Tudela - Saipan • **Alejandro Badilles** - Rota • **Jacob Muna** - Tinian

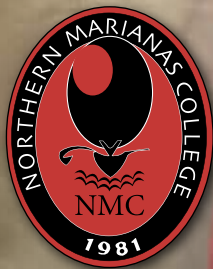
February

FEBRERU



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	President's Day 15	16	17	18	19	20
21	22	23	24	25	26	27
28						



Value Added Marketing for CNMI Food Security

Food Safety Program Leader - **Dr. Jang Ho Kim**
Expanded Food and Nutrition Education Program - **Patricia Coleman**
Community Resource Development Coordinator - **Margaret D. Tudela**



March

MATSU



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	Commonwealth Covenant Day	25	26	27
28	29	30	31			



FW08-305 - Comparative Study of Cuban Slugs Suppression Using Grazing Ducks, Neem Extract and Chemical Baits in the CNMI \$23,673
Principal Investigator Alejandro Badilles Farmer Jack Manglona & Islam Nurul

"Safeguarding the CNMI Plant Resources"
Crop Protection Program

Program Leader - **Dr. Marisol Quintanilla**
IPM Coordinator - **Alejandro Badilles** • PSEP Coordinator - **Arnold Route**



April

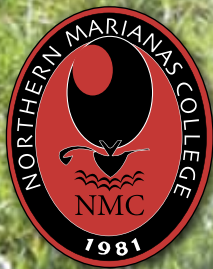


2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
				1	Good Friday 2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



FW09-050 - Sustaining Deer Production in the Island of Rota, \$10,000
 Farmer Ricardo Atalig, Technical Advisor Dr. Allan Sabaldica
FW09-052 - Demonstrating Alternative Poultry Production System in Tinian \$9,000
 Farmer, Vicente Borja, Technical Advisor Dr. Allan Sabaldica



"Safe, Biosecure and Productive Animals for a Profitable CNMI"
Livestock Improvement Program



Program Leader - **Dr. Allan Sabaldica**
Jacob Muna - Tinian • **Alejandro Badilles** - Rota

May
 MAYO



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24					
30	Memorial Day 31	25	26	27	28	29



"The Power of Collaboration"



June

HUNIO



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			



FW09-610- Rota for Sustainable Agriculture
FW09-605 - Sustaining Livestock and Integrated System for the Island of Tinian








"Reaching Out the Community Through Sustainable Ag Tours"
Sustainable Agriculture Tours in the CNMI



July
 HULIO

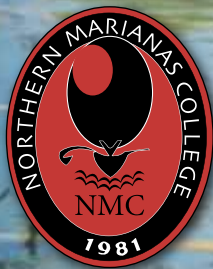


2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
				1	2	3
Liberation Day 4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



FW08-024 - Sustaining Tilapia Production in the CNMI through the use of an Artificial Fry Incubation System \$15,000 Technical Advisor-Michael Ogo, Farmer Ynez Guererro
FW09-006 - Demonstration of the Feasibility Study of Solar Energy in Sustainable Agriculture to Address High Cost in Convention ally Produced Electricity \$10,469 Farmer Pedro Arriola Technical Advisor Michael Ogo
FW09-036 - Maximizing Aquaculture Productivity with Sequential Polyculture Systems, \$14,892 Farmer Carolyn Hosono, Technical Advisor Michael Ogo



"Sustaining Aquaculture through Sustainable Technology"
Aquaculture and Fisheries Development Program



Program Leader - **Michael Ogo**
Alejandro Badilles - Rota • **Lawrence Duponcheel** - Tinian

August



2010

AGOSTO

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



"Regional Collaboration: Solutions to Agricultural Challenges"
Sub-Regional Conference Grant

Principal Investigator - **Dr Manny Duguies** (University of Guam)
 Co-PI - **Dr Allan Sabaldica**, NMC • Co-PI - **Engly Ioanis**, COM-FSM



September



2010

SEPTIEMBRE

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
			1	2	3	4
5	Labor Day 6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		



FW07-307 - Livestock Genetic Upgrading in the Commonwealth of the Northern Mariana Islands- \$29,974 Principal Investigator Dr. Allan C. Sabaldica

FW08-305 - Comparative Study of Cuban Slugs Suppression Using Grazing Ducks, Neem Extract and Chemical Baits in the CNMI \$23,673 Principal Investigator Alejandro Badilles



"Team at its Best"
Professional + Producer Grants



October

OKTOBRE



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
					1	2
3	4	5	6	7	8	9
10	Commonwealth Cultural Day 11	12	13	14	15	16
17	18	19	20	21	22	23
24						
31	25	26	27	28	29	30



EW08-017 - Technology Transfer of Plant Medicine for Livestock Healthcare in the Western Pacific \$97,074 Principal Investigator Dr. Allan Sabaldica



"Building Local Capacity for Agricultural Sustainability"

Western SARE Professional Development Program



Principal investigator - **Dr. Allan Sabaldica**

November

NOBEMBRE



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
	1	2	3	Citizenship Day	5	6
7	8	9	10	Veterans Day	12	13
14	15	16	17	18	19	20
21	22	23	24	Thanksgiving Day	26	27
28	29	30				

Have a Blessed Christmas and a Sustainable New Year to all of Us !!!



"We create opportunities in areas you may not have thought possible"

Northern Marianas College

Excellence, Professionalism, Teamwork and Great Collaborations for a More Secure and Sustainable Agriculture in the CNMI



December

DESIEMBRE



2010

Sunday <i>Damenggo</i>	Monday <i>Lunes</i>	Tuesday <i>Mattes</i>	Wednesday <i>Metkules</i>	Thursday <i>Huebes</i>	Friday <i>Betnes</i>	Saturday <i>Sabalu</i>
			1	2	3	4
5	6	7	Constitution Day	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	Christmas Day 25
26	27	28	29	30		