



DEPARTMENT OF RESEARCH AND DEVELOPMENT

LIST OF COMPLETED & ON-GOING FUNDED RESEARCHES 2023

COMPLETED RESEARCHES				
EXTERNALLY FUNDED				
	Title of Research Program/Project/Study	Proponent/s	Funding Agency / Amount	Date started & intended date of completion (specific month & year)
1	Transforming Backyard Chicken Production into A Viable Enterprise	Ma. Asuncion G. Beltran, Annalie B. Paragas, Lavina Gracia G. Manzano, Allan Jeffrey E. Francia, Charlie D. Lacayanga, Lordy P. Plaza, Marianne Villaruel, Ma. Flora G. Mariano	DA ACEF / \$ 100,000.00	October 2020 to April 2023
2	Development of Foundation Stocks for Free Range Chicken Production	Ma. Asuncion G. Beltran, Annalie B. Paragas, Lavina Gracia M. Ramirez, Darwin Pineda	DA-BAI / \$ 20,000.00	March 2021-April 2023
3	Rainfed Rice-Based Free-Range Chicken and Livestock Integration: Enhancing livelihood of Rice Farmers (Phase 2)	Ma. Asuncion G. Beltran, Annalie B. Paragas, Lavina Gracia G. Manzano, Edmar N. Franquera, Lordy P. Plaza, Ma. Flora G. Mariano	DA RFO III/ \$ 8,000.00	September 20, 2021 - June 2023
4	Multi-Location Adaptation Trial for the Irrigated Lowland Inbred Entries (NCT-MAT)	Edmar B. Franquera (CAF)	PhilRice/ \$ 5,200.00	2004- continuing
5	Technology Demonstration on Small Farm Reservoir for Aquaculture Production in Selected Rainfed Areas in Central Luzon	Program Leader: Guiller B. Damian	CHED- OPRKM Research Management Division/ \$ 190,000.00	August 2021 – February 2023
6	Project 1- Socio Economic Profile of Small Farm Reservoir and Fishpond Farmers in Selected Rainfed Areas of Central Luzon	Maribel C. Ramales Orlando H. Locading, Jr. Sonny A. Santos		
7	Project 2-GIS-Based Inventories of Existing Small Farm Reservoir in Selected Rainfed Areas of Central Luzon	Guiller B. Damian Jesus A. Tolentino		
7	Project 3-Water Quality Evaluation of Small Farm Reservoir in Selected Rainfed Areas of Central Luzon	Ermalyn DG. Galo Gloria DC. Corpuz	Year 1 – \$ 122,842.64 Year 2 – \$ 667,157.36	



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8	Project 4-Duckweed/Azolla Production for Alternative Feeds for Aquaculture Production in Selected Rainfed Areas of Central Luzon	Leonell P. Lijauco Mark Augustine A. Ferrer		
9	Project 5-ICT-Based Aquaculture Production in Selected Rainfed Areas of Central Luzon	Donna Fay N. Labrador Jayson J. Elenzano		
10	Project 6-Rainfall Analysis for Aquaculture Production in Selected Rainfed Areas of Central Luzon	Mary Grace N. Semilla Melanie A. Ferrer		
11	Project 7-GIS Based Analysis in the Distribution of Tilapia Fingerlings in Selected Rainfed Areas of Central Luzon	John Leonard M. Constantino Chelsie C. Pagatpatan Fatima P. Gumamac		
12	Project 8-Establishment of Palay-Isdaan in Small Farm Reservoir in Selected Rainfed Areas of Central Luzon	Amy Lizbeth J. Rico Bennidict P. Pueyo		
13	Project 9- Value Chain Development for SFR-Based Aquaculture Production in Selected Rainfed Areas of Central Luzon	Maribel C. Ramales Orlando H. Locading, Jr. Sonny A. Santos Paul Christian A. Santos		
14	Project 10-Benefit Monitoring and Impact Assessment of SFR based Aquaculture Production in Selected Rainfed Areas of Central Luzon	Catherine DR. Pueyo Sherwin A. Alar		
15	Increasing Income of Farmers in Rainfed Areas in Western Tarlac through Integrated Rice-Legumes Cropping Systems (<i>Phase 2</i>)	Junan John Carlo E. Duque, Carlo Magno L. Sagun, Jerome D. Soriano, Guiller B. Damian, Bennidict P. Pueyo, Yancy O. Waminal, Reynald R. Delos Santos, Susana D. Ramos, John Carlo D. Limos	DA RFO III/ \$ 20,000.00	September 20, 2021 to March 2023
16	Mental Health Status of Youth and Mental Health Resources in the Province of Tarlac	Benny S. Soliman (CAS), Marianne P. Villaruel (CED), Abigail O. Manaloto (CAS), Czarina C. Aguilar	DOST-PCHRD / \$ 33,297.29	August 1, 2022 – July 31, 2023
17	Field Verification Trials of Low-Cost Rapid Mastitis Test Kit for Small-Hold Dairy Farmers in the	Ronaldo C. Briones, Esteward Jones M. Estabillo, Mark F. Sotero, Erlic SD. Totaan, Catherine Diane A. De Guzman	DA-RFOIII / \$ 55,870.02	January – June 2023



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	Philippines			
18	(Phase 1) Establishment of Livestock and Poultry Disease Monitoring & Research Laboratory (Phase 2) ASF Monitoring in Northern Tarlac	Nestor Padilla Jr, Teresita Bajas, Jaira Miranda, Eric Inovejas, Krestel Joy Isla	SMFI-BMEG / \$ 4,260.00	July 2022 -2023
19	PATong PATong NA KITA (Augmented income): Productivity and Profitability Enrichment through Development, Improvement and Promotion of Integrated Rice Duck-Duckweed Farming System and Protected Cultivation of Lowland Vegetable	Edmar B. Franquera, Tessie A. Boncato, Marliza D. Viloría, Yolanda Guillermo, Luningning P. Guillermo, Janine Berdos, Marianne Villaruel, Ruth Thesa B. Franquera	DA-RFO III/ \$ 25,760.00	October 2020 – October 2023
20	Satellite-Integrated Crop Monitoring and Forecasting System for Agriculture and Technology (SICAT)	Amy Lizbeth J. Rico, Bennidict P. Pueyo, Geraldin Dela Cruz, Joven Tolentino, Carlo Sagun, Jayson J. Elenzano	DA-RFO3 / \$ 57,698.11	November 2021- October 2023
21	Off Season Tomato (Kamlong) Production Technology Towards Enterprise Development	Tessie A. Boncato, Rizalina M. Tablarin, Linda Mae A. Fernandez, Cindy O. Fernando, Jessie E. Dela Cruz	DA ACEF/ \$ 100,000.00	July 2020- July 2023
22	Conservation, Improvement and Production of Central Luzon Native Pig (Study 2: Establishment of Foundation Breeder Stocks of Central Luzon Native Pig)	Sinamar E. Estudillo (CVM)	Collaborative Research funded by DOST PCAARRD/ \$ 161,214.43	January 2020- December 2023
23	Upgrading of the TAU SMART Center/ Sustainable Mechanized Agriculture for Research and Technology	Amy Lizbeth J. Rico, Mark Augustine A. Ferrer, Jayson J. Elanzano, Jerome B. Jaime, Melanie C. Ferrer, (CET) Gracelle P. Hilario, Christine N. Ferrer, (CED) Jo-Anne Lynne Joy E. Duque (CAF)	CHED/ \$ 200,000.00	July 16, 2021 – December 2023
24	Boosting Productivity and Income of Farmers through a Sustainable Innovation Bargaining Oriented Less Cost (SIBOL) Modified Rice Based Integrated Agro-Ecological Farming Systems and Value Adding of Farm Products	Edmar N. Franquera (CAF), Joseph Paul Abad (CAF), Christy Dianne Ramos (CAF), Rosalie Belano (CAF), Rose Antolin (CAF), Frederick Godoy (CAF), Marianne Villaruel (CED), Ruben Parazo (CET)	DA RFO III / \$ 20,000.00	Sept. 2021- Dec. 2023



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ON-GOING RESEARCHES				
EXTERNALLY FUNDED				
	Title of Research Program/Project/Study	Proponent/s	Funding Agency / Amount	Date started & intended date of completion (specific month & year)
1	Waterfowl Demo Farm/Multiplier Farm for Egg Type Duck (Itik pinas)	Nestor Padilla Jr, Eric Lindbergh Inovejas, Jaira Miranda, Krestel Joy Isla, Silverio DC. Salunson, Jeffrey John Yasay	San Miguel Food, Inc. - BMEG / \$ 15,954.00	May 2023 - 2026
2	Livestock & Poultry Disease Monitoring Laboratory Center	Nestor J. Padilla, Jr., Krestel Joy V. Isla, Eric Lindbergh C. Inovejas, Jaira M. Miranda, Teresita J. Bajas	San Miguel Food, Inc. - BMEG / \$ 4,260.00	May 2023 - 2026
3	Soil Health Evaluation and Water Quality Mapping in Agro-Ecosystems of Northern Tarlac	Eric Lindbergh C. Inovejas, Edmar N. Franquera, Joseph Paul T. Abad, Virginia Isabelle A. Mapa, Nestor J. Padilla, Jr., Teresita J. Bajas, Christian A. Llait	San Miguel Food, Inc. - BMEG / \$ 28,800.00	May 2023 - 2025
4	Development and Promotion of SMART Agricultural Technologies for Profitable Onion Production	Amy Lizbeth J. Rico, Jayson J. Elenzano, Fatima P. Gumamac, Gracelle P. Hilario, Maila Suzette I. Guting, Christian D. Robillos, Carlo Magno L. Sagun, Silverio DC. Salunson, Darwin R. Pineda, Michael R. Raquel	DOST-RO III / \$ 60,000.00	February 14, 2023- February 14, 2024
5	Enhancing Productivity & Profitability of Farmers in Rainfed Areas Amidst Climate Change Thru In-Depth Conservation Agriculture and Renewable Energy (iCARE)	Edmar F. Franquera (CAF), Joyce Anne O. Manuel (CAF), Catherine DR. Pueyo (CET), Mary Anne R. Naelgas (CAS)	DA RFO III / \$ 20,000.00	May 31, 2022- March 2024

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INTERNALLY FUNDED				
	Title of Research Program/Project/Study	Submitted by	Funding Agency / Amount	Date Submitted
1	Watershed Characterization for a Sustainable Framework in Mitigating Climate Change at TAU-Calao Forest Reserve, San Jose Mayantoc Tarlac	Mileatte Omaney, Julius Rae Alam, Minda Mondiguing, Maidas Anson, Raquel Sigue	TAU / ₱ 93,520.00	September 2023- 2024
2	Performance and Meat Acceptability of New Zealand Rabbit Raised in Cage Free- and Open-Air Cages	Ramquel Tendido	TAU / ₱ 66,698.00	September 2023 – March 2024
3	Conservation of Order Lepidopteran (Butterfly) in Sitio Calao, San Jose, Mayantoc Tarlac Forest Reserve	Julius Rae Allam, Maidas Anson, Minda Mondiguing Mileatte P. Omaney	TAU / ₱ 14,0000.00	September 2023- 2024
4	Diversity Index and Mapping of Insects Present in Sweetpotato (<i>Ipomoea batatas</i> (L. lam) Fields in Tarlac	Aira F. Waje, Agnes C. Perey, Eric Lindbergh C. Inovejas, Stefan Daniel B. Fuentes	TAU / ₱ 81,100.00	April 2023 - April 2024

Prepared by:


MARIA ELENA T. CAGUIOA, Ph.D.
Director for Research and Development

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