



REPUBLIC OF THE PHILIPPINES  
**DEPARTMENT OF AGRICULTURE**  
**BUREAU OF AGRICULTURAL RESEARCH**  
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## PROGRAMS/PROJECTS/BENEFICIARIES AND STATUS OF IMPLEMENTATION

as of FY 2023

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2015	AFMA	Physico-chemical Characterization of Various Root Crop Tubers for Increased Utilization and Product Development Options	8	Visayas State University (VSU)	Ongoing	Rootcrops
2015	AFMA	Development of National Codex Organization (NCO) Database on Food and Food Safety Researches in the Philippines	4A	University of the Philippines Los Banos (UPLB)	Completed	Food Safety
2015	AFMA	Sargassum (Phaeophyceae) as Antibacterial Agent and as Natural Immunostimulant for Aquaculture	2	Isabela State University (ISU)	Ongoing	Seaweeds
2015	AFMA	Development of Seed Production and Grow-out Culture Techniques for Ayungin ( <i>Leipotherapon plumbeus</i> ) and Biyang Puti ( <i>Glossogobius giuris</i> )	4B	University of the Philippines Los Baños (UPLB)	Ongoing	Fish
2015	AFMA	Inventory and Resource Assessment of Economically Important Mollusks Species in	3	ASCOT	Ongoing	Mollusks

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		Intertidal Flats in Aurora, Philippines				
2015	AFMA	Biodiversity (Taxonomy) and Distribution of the Epiphytic and Microbenthic Seaweed Resources of the Philippines	NCR	UP Diliman	Completed	Seaweeds
2015	AFMA	Growth and Yield Performance of "Tikod Amo" ( <i>Spondylus</i> sp.) in Polyculture System with Milkfish ( <i>Chanos chanos</i> ) and Siganid ( <i>Siganus fuscescens</i> )	13	Surigao Del Sur State University (SDSSU)	Ongoing	Tikod Amo; Milkfish/
2015	AFMA	Evaluation of Nile Tilapia Strains for Aquaculture in Philippines (Phase2)	3	WorldFish Center	Completed	Nile Tilapia
2015	AFMA	Economic Analysis of Climate Change Adaptation Strategies in Selected Coastal Areas in the Philippines (Phase 2)	3	WorldFish Center	Ongoing	Fisheries
2015	AFMA	The effects of Coconut Skim Milk, Cows, Milk and Dairy -Coco Milk Blend on Anthropometric Indices of Underweight Schoolchildren	7	Food and Nutrition Research Institute (FNRI) DOST NFA	Ongoing	Coconut
2015	AFMA	Effect of Climate Change on Levels of Arsenic and Cadmium	NCR	NFA FDA	Ongoing	Rice

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		Contaminations in Locally-Produced Rice				
2015	AFMA	Epididymal Sperm Cryopreservation as a Tool for the Conservation in vitro of Indigenous Livestock and/or Endangered Wildlife in the Country: Prospects for Animal Genetic Resources (AnGR) Cryobanking	3	Philippine Carabao Center (PCC)	Ongoing	Livestock
2015	HVCDP	Survey of Pathogens in Vegetables of Significance to Food Safety in Luzon, Philippines	NCR	UP Diliman	Ongoing	Vegetables
2015	HVCDP	Accelerated Jackfruit Industry Development in Eastern Visayas through Improved On-Season and Off-Season Fruit Production	8	Visayas State University (VSU)	Ongoing	Jackfruit
2015	HVCDP	Production of Polyphenols and Specialty Flours from Wastes of Mango Processing Industry	4A	UPLB	Ongoing	Mango
2015	HVCDP	Utilization of Wood Vinegar "Mokusaku" Technology as Pesticide and Fertilizer for Selected high Value Fruit-Bearing Trees and Plantation Crops in CALABARZON	4A	DA-RFO 4A	Completed	Fruit Trees

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2015	HVCDP	Collection, Characterization and Identification of Cacao Clones in Major Growing Areas Using Morphological and Genetic Markers - Phase 2	4A	Philippine Agriculture and Resources Research Foundation Inc. (PARRFI)	Completed	Cacao
2015	HVCDP	Maximizing Cashew Productivity in the Province of Palawan through Advance Science and Precision Agriculture	4A	Southern Luzon State University (SLSU) Luzon	Completed	Cashew
2015	HVCDP	Adoption of the Protocol for the Establishment of Certified Good Agricultural Practices Farms (EC-GAP Farms) for High Value Crops in Region IV-A	4A	DA-RFO 4A	Completed	High Value Commodities
2015	HVCDP	Land Resources Evaluation and Suitability Assessment of Strategic Production Areas for Cacao and Coffee	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Completed	Cacao & Coffee
2015	RFDG	Preparation of Master Development Plan of BPI-DNCRDC	11	Bureau of Plant Industry-Davao (BPI-DNCRDC)	Ongoing	(Research Facility)
2015	RFDG	Establishment of Organic Agriculture R&D Center in Region VI	6	DA-RFO 6	Ongoing	(Research Facility)

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2015	RFDG	Institutional Development Support for the Preparation of Master Development Plan of BPI-BNCRDC	CAR	Bureau of Plant Industry-Baguio (BPI-BNCRDC)	Completed	(Research Facility)
2015	RFDG	Establishment of Organic Agriculture R&D Center in the MIMAROPA Region	4B	DA-RFO 4B MIMAROPA	Ongoing	(Research Facility)
2015	RFDG	Strengthening R&D/E Capacity of Regional Research Outreach Station-STIARC-Lipa Agricultural Experiment Station (LAES): Establishment of Technology Commercialization Facility	4A	DA-RFO 4A	Ongoing	(Research Facility)
2015	RFDG	Institutional Development Support for the Modernization of CMU-CVM Animal Diagnostic Laboratory (ADDL)	10	Central Mindano University (CMU)	Ongoing	(Research Facility)
2015	RFDG	Rehabilitation of BPI La Granja NCRDCs Main R & D Building	6	Bureau of Plant Industry-La Granja (BPI-LGNCRDC)	Ongoing	(Research Facility)
2015	RFDG	Establishment of the Regional R&D Center for Organic Agriculture in Region 7	7	DA-RFO 7	Ongoing	(Research Facility)
2015	RFDG	Upgrading of Siquijor Research and Development Center Facilities	7	DA-RFO 7	Completed	(Research Facility)

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2015	RFDG	Establishment of the CLSU Multi-Purpose Center for Organic Agriculture Research and Technology Products	3	Central Luzon State University (CLSU)	Completed	(Research Facility)
2015	RFDG	Establishment of Food Processing Research Laboratory in PUP-Lopez, Quezon	4A	Polytechnic University of the Philippines (PUP-Lopez, Quezon)	Ongoing	(Research Facility)
2015	RFDG	Establishment of DA-CVRC Multi-Purpose R & D Facility	2	DA-RFO 2	Ongoing	(Research Facility)
2015	RFDG	Establishment of Plant Genetic Resources (PGR) Research Laboratory and Training Center	5	Central Bicol State University of Agriculture (CBSUA)	Completed	(Research Facility)
2015	RFDG	Rehabilitation of Typhoon-damaged Organic Vegetables Research and Facilities	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	(Research Facility)
2015	RFDG	Renovation of the Office of the Provincial Agricultural Services for Research and Development	8	PLGU-Eastern Samar	Completed	(Research Facility)
2015	RFDG	Rehabilitation of Seed Conservation Facility for the	4A	University of the Philippines at	Completed	(Research Facility)

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		National Corn Germplasm Collection of NPGRL		Los Baños (UPLB)		
2015	RFDG	Establishment of an Organic Agriculture R&D Center in Region 11	11	DA-RFO 11	Completed	(Research Facility)
2015	RFDG	Establishment of a Multi Purpose R&D Center at Tagkawayan, Quezon	4A	Municipality of Tagkawayan, Quezon	Completed	(Research Facility)
2015	RFDG	Establishment of Storage Facility for Garlic in Ilocos Region	1	DA-RFO 1	Completed	(Research Facility)
2015	RFDG	Enhancement of Regional Soils and Plant Health/Pesticide Laboratories Equipment and Perimeter Surroundings of the Cagayan Valley Integrated Agricultural Laboratories (CVIAL) Building in Support to Its Operationalization Towards Food Security and Services	2	DA-RFO 2	Completed	(Research Facility)
2015	RFDG	Enhancement of the Tissue Culture Laboratory at the DA-RFO 10 Northern Mindanao Agricultural Crops and Livestock Research Complex (NMACLRC)	10	DA-RFO 10	Completed	(Research Facility)

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2015	RFDG	Establishment of Landscape Horticulture R & D Center	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	(Research Facility)
2015	RFDG	Capability Building and Technical Support to Tissue Culture Facilities in Selected Regions of the Country	4A	Philippine Agriculture and Resources Research Foundation Inc. (PARRFI)	Completed	(Research Facility)
2015	RFDG	Establishment of Alternative Low-Input Agriculture System (ALIAS) R&D Multi-Purpose Facility	3	Pampanga State Agricultural University (PSAU)	Completed	(Research Facility)
2015	RFDG	Upgrading of BPI-DNCRDPSC Tissue Culture and Indexing Laboratories to Increase Production of Disease Free Saba/Cardaba Plantlets	11	Bureau of Plant Industry-Davao (BPI-DNCRDC)	Completed	(Research Facility)
2015	RFDG	Enhancement of the Tissue Culture Laboratory at the DA-RFO IV-B Oriental Mindoro Agricultural Experiment Station (ORMAES)	4B	DA-RFO 4B MIMAROPA	Completed	(Research Facility)



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2015	RFDG	Establishment of Tissue Culture Laboratory at Upi Agricultural School	BARMM	Upi Agricultural School- Provincial Technical institute of Agriculture (UAS-PTIA)	Completed	(Research Facility)
2015	RFDG	Enhancement of the Tissue Culture Laboratory of the DA-RFO 2- Cagayan Valley Research Center (CVRC) for the Production of Good Planting Materials	2	DA-RFO 2	Completed	(Research Facility)
2015	RFDG	Enhancement of the Tissue Culture Laboratory at the DA-RFO VI Western Visayas Integrated Agricultural Research Center (WESVIARC)	6	DA-RFO 6	Completed	(Research Facility)
2015	Corn	Development of breeding populations as sources of resistance to different biotic and abiotic stress in Corn"	4A	UPLBFI	Ongoing	Corn
2015	Corn	Creating useful heterotic groups for Philippine native corn varieties: An initial strategy for native corn germplasm"	4A	UPLBFI	Ongoing	Corn

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2015	Corn	Safeguarding the Philippine genetic diversity through strengthened and expanded corn germplasm conservation and management system"	4A	UPLBFI	Ongoing	Corn
2015	Corn	Program monitoring of CGUARD and establishment of the Philippine Native Collection and characterization Database"	NCR	Bureau of Plant Industry (BPI)	Completed	Corn
2015	Corn	Development of corn crop manager: a mobile phone and computer based decision making tool for increasing income and yield of corn farmers in the Philippines"	4A	IRRI	Completed	Corn
2015	Corn	Native corn as sources of resistance to the Asian corn borer <i>ostrinia furnacalis</i> (Gueenee), and post harvest inspect pest for crop improvement and pest management options"	4A	UPLBFI	Completed	Corn
2015	Corn	Phenotypic genotypic pathogen evaluation and assessment of native corn varieties for resistance	4A	UPLBFI	Completed	Corn

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		to downy mildew and bacterial stalk rot"				
2015	Corn	Evaluation of Philippine corn germplasm collection for tolerance to selected abiotic stresses" (phase 1)	4A	UPLBFI	Completed	Corn
2015	Corn	Food safety, nutritional and health values of cassava (manihot esculenta crantz) based rice like grains"	4A	UPLBFI	Completed	Cassava
2015	Corn	Development of weather-based decision support system for corn farmers in Cagayan valley region	2	Isabela State University (ISU)	Completed	Corn
2015	Corn	Molecular characterization of the Philippine native maize populations"	4A	UPLBFI	Completed	Corn
2015	Corn	Plant genetic resources conservation and management on native and traditional corn germplasm in CAR" (CGUARD 1)	CAR	DA-RFO CAR	Completed	Corn
2015	Corn	Collection and characterization of the Philippine Native corn varieties in Region I" (CGUARD 1)	1	DA-RFO 1	Completed	Corn
2015	Corn	Collection and characterization of Philippine native and traditional	2	DA-RFO 2	Completed	Corn

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		corn varieties in Region 2" (CGUARD 1)				
2015	Corn	Region 3 corn germplasm project" (CGUARD 1)	3	DA-RFO 3	Completed	Corn
2015	Corn	Plant genetic resources conservation and management of native and traditional corn germplasm in CALABARZON" (CGUARD 1)	4A	DA-RFO 4A	Completed	Corn
2015	Corn	Corn germplasm project in Region IVB" (CGUARD 1	4B	DA-RFO 4B MIMAROPA	Completed	Corn
2015	Corn	Region 5 corn germplasm (cguard 1)	5	DA-RFO 5	Completed	Corn
2015	Corn	Collecting and characterizing Philippine native corn varieties in region 6" (CGUARD 1)	6	DA-RFO 6	Completed	Corn
2015	Corn	Collecting and characterizing native corn varieties in Region 7" (CGUARD 1)	7	DA-RFO 7	Completed	Corn
2015	Corn	Collection, conservation and characterization of native and traditional corn germplasm in region 8" (CGUARD 1)	8	DA-RFO 8	Completed	Corn
2015	Corn	Corn Germplasm Collection in Region 9 (CGUARD 1)	9	DA-RFO 9	Completed	Corn

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2015	Corn	Corn Germplasm project in Region 10" (CGUARD 1(9)	10	DA-RFO 10	Completed	Corn
2015	Corn	Collecting and characterizing Philippine native corn varieties in region XI (CGUARD 1)	11	DA-RFO 11	Completed	Corn
2015	Corn	Plant genetic resources conservation and management of local native and traditional corn germplasm in region 12" (CGUARD 1)	12	DA-RFO 12	Completed	Corn
2015	Corn	Collecting and characterizing Philippine native corn varieties in region XIII" (cguard 1)	13	DA-RFO CARAGA	Completed	Corn
2015	Corn	on farm participatory evaluation in CAR region: nutrient expert for maize Philippines"	CAR	DA-RFO CAR	Completed	Corn
2015	Corn	Nutrient expert for white maize (NEM-PH) on farm participatory evaluation" in region 2	2	DA-RFO 2	Completed	Corn
2015	Corn	On farm participatory evaluation in region IVB: Nutrient expert for maize Philippines"	4B	DA-RFO 4B MIMAROPA	Completed	Corn
2015	Corn	on farm participatory evaluation in Region 5: Nutrient expert for maize-Philippines"	5	DA-RFO 5	Completed	Corn

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2015	Corn	On farm participatory evaluation in Region 6: Nutrient expert for maize - Philippines"	6	DA-RFO 6	Completed	Corn
2015	Corn	On farm participatory evaluation in Region 7: nutrient expert maize - Philippines"	7	DA-RFO 7	Completed	Corn
2015	Corn	On farm participatory evaluation in Region 8: nutrient expert maize - Philippines"	8	DA-RFO 8	Completed	Corn
2015	Corn	On farm participatory evaluation in Region IX: nutrient expert maize - Philippines"	9	DA-RFO 9	Completed	Corn
2015	Corn	On farm participatory Evaluation(OFPE) of white corn using nutrient expert (SSNM) in the DA Rfo 12"	12	DA-RFO 12	Completed	Corn
2015	Corn	On farm application of new and improved biofertilizers on cassava and appropriate intercrops in different areas"	4A	UPLBFI	Completed	Cassava
2015	Corn	Site specific nutrient management for cassava production in the CAR region"	CAR	DA-RFO CAR	Completed	Cassava

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2015	Corn	Site specific nutrient management for cassava production in DA RFO 1"	1	DA-RFO 1	Completed	Cassava
2015	Corn	Site Specific nutrient management for cassava in Region 3"	3	DA-RFO 3	Completed	Cassava
2015	Corn	Site specific nutrient management of cassava in the DA-RFO IVA	4A	DA-RFO 4A	Completed	Cassava
2015	Corn	Site specific nutrient management of cassava in the DA-RFU IVB (338)	4B	DA-RFO 4B MIMAROPA	Completed	Cassava
2015	Corn	Site specific nutrient management of cassava in the DA-RFO 5"	5	DA-RFO 5	Completed	Cassava
2015	Corn	Site specific nutrient management for cassava production in DA RFO 6"	6	DA-RFO 6	Completed	Cassava
2015	Corn	Site specific nutrient management for cassava production in the DA RFO VII"	7	DA-RFO 7	Completed	Cassava
2015	Corn	Site specific nutrient management for cassava production in Region 8"	8	DA-RFO 8	Completed	Cassava
2015	Corn	Site specific nutrient management for cassava production in the DA RFO IX"	9	DA-RFO 9	Completed	Cassava
2015	Corn	Site specific nutrient management for cassava Northern Mindanao"	10	DA-RFO 10	Completed	Cassava

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2015	Corn	Site specific nutrient management of cassava in the DA-RFO 12"	12	DA-RFO 12	Completed	Cassava
2015	Corn	Screening and evaluation of 48 NSIC registered cassava varieties for resistance to red spider mite, tetranychus kanzawai kishida"	8	Visayas State University (VSU)	Completed	Cassava
2015	Corn	Upgrading the Philrootcrops pest management laboratory for cassava research development"	8	Visayas State University (VSU)	Completed	Cassava
2015	Corn	Program and capacity upgrading for sustained corn germplasm management and utilization in the country"	4A	UPLBFI	Completed	Corn
2015	Corn	Co strengthening capabilities for cassava crop health in the Philippines: developing a strategic emergency response to pest and disease risk"	4A	CIAT	Completed	Cassava
2015	Corn	Corn Crop Manager: Field Research for Development and Evaluation in Region 2 of the Philippines"	2	DA-RFO 2	Completed	Corn
2015	Corn	Development of Cassava's Productivity and Profitability in romblon: A support project	4B	DA-RFO 4B MIMAROPA	Completed	Corn



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		towards revival of the cassava industry				
2015	Corn	Impact Evaluation of the Participation of Cassava in DA-RFO 1V A	4A	CELPA, Inc.	Completed	Cassava
2015	Corn	Development of lateral flow immunosorbent assay (LFIA) detection kit for phytoplasma in Cassava"	8	Visayas State University (VSU)	Completed	Cassava
2015	Biotechnology	Enhancing Virus Detection Technology for Effective Disease Management in Abaca	NCR	PhilFIDA	Ongoing	High Value Crops (Abaca)
2015	Biotechnology	Evaluation of the Ovicidal Action of Nematode Predacious Fungus Pochonia chlamydosporia Against Fasciola sp. in Water Buffaloes (Bubalus bubalis)	3	PCC	Ongoing	Livestock and Poultry (Water Buffaloes) and Microbials (Fungus: Pochonia chlamydosporia against Cattles and Buffalo)
2015	Biotechnology	Application and Development of Molecular-Based Tools for the Diagnosis and Characterization of	3	Central Luzon State University (CLSU)	Ongoing	Livestock and Poultry (General)

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		Reproductive Infectious Disease Causing Abortion in Livestock				
2015	Biotechnology	Supercritical Carbon Dioxide (SC-CO2) Fractionation of Enzymatic Extract of Selected Natural Products Year 2	10	MSU-IIT	Completed	Natural Ingredients (enzymatic crude extracts of chili pepper, ylang ylang, sunflower and rice bran)
2015	Biotechnology	Geographic Distribution and Genetic Diversity Assessment of Philippine Isolates of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> through Molecular and VGC Analysis and Reaction of Musa Hybrids to Fusarium Wilt	4A	Institute of Plant Breeding, Crop Science Cluster, College of Agriculture, University of the Philippines Los Baños	Completed	High Value Fruit Crops (Banana)
2015	Biotechnology	Development of Loop-Mediated Isothermal Amplification (LAMP) Assay Based Test Kit for the Detection/Screening of Caprine Arthritis Encephalitis Virus (CAEV)	3	PCC	Completed	Livestock and Poultry (Goats)- Detection Kit

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2015	Biotechnology	Molecular Markers for Identification of Philippine Bemisia tabaci Biotypes and their Associated Endosymbionts	4A	University of the Philippines Los Baños (UPLB)	Completed	Pest data [whitefly (Bemisia tabaci) pest for multiple crops tomato, eggplant, squash, sweetpotato, cassava]]
2015	Biotechnology	Genetic Diversity of the Philippine Carabao using mtDNA (COI) and microsatellite markers (FAO STRs)	3	Philippine Carabao Center (PCC)	Completed	Livestock and Poultry (Water Buffaloes)
2015	Biotechnology	Survey, Identification and Geographical Distribution of Whitefly Transmitted Viruses and Its Whitefly Vector, Bemisia tabaci Genn. Affecting Economically Important Crops in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Completed	Pest data [whitefly (Bemisia tabaci) pest for multiple crops tomato, eggplant, squash, sweetpotato, cassava]]
2015	Biotechnology	Gene Mining of Yield Related Traits in Philippine Rice Landraces	3	PhilRice	Completed	Crops (Rice)

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2015	Biotechnology	Molecular Characterization and Gene Expression of TLR4 and MHC - DRB3 Gene in Lactating Water Buffaloes and Goats	3	Central Luzon State University (CLSU)	Completed	Livestock and Poultry (Water Buffaloes and Goats)
2015	Biotechnology	SNP Marker Development for Genetic Traceability of Farmed Sandfish, <i>Holothuria scabra</i> (Holothuridae)	NCR	UP Diliman	Completed	Fisheries (Sandfish, <i>Holothuria scabra</i> (Holothuridae))
2015	Biotechnology	Gene Expression Analysis and Detection of Heat Shock Protein (HSP70) and Its Correlation with Buffalo Semen Quality and Seasonal Variation	3	Philippine Carabao Center (PCC)	Ongoing	Livestock and Poultry [Cattle (Bull)]
2015	Biotechnology	Development of Genomic Resources for Insect Pests of Corn and Rice: Transcriptome Sequencing and Rapid Development of Single Nucleotide Polymorphism (SNP) Markers for the Asiatic Corn Borer, <i>Ostrinia furnacalis</i> (Guenee) and the White Stem Borer, <i>Scirpophaga innotata</i> (Walker)	NCR	UP Diliman	Completed	Pest genomic data (Rice and Corn Pests: Asiatic Corn Borer, <i>Ostrinia furnacalis</i> (Guenee and the White Stem Borer))

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2015	Biotechnology	Providing venues for stakeholder participation towards advancement of biotechnology: the National Biotechnology Week 2015 Celebration	Multiple	Biotechnology Coalition of the Philippines (BCP)	Completed	
2015	Biotechnology	Support to the Implementation of BPI Regulation of Genetically Modified Crops in the Philippines	NCR	Biotechnology Coalition of the Philippines (BCP)	Completed	Multi-crop
2015	Biotechnology	Scientific Paper Writing Workshop Series	4A	University of the Philippines Los Baños (UPLB)	Completed	
2015	Biotechnology	Research Capacity Building for Agricultural Biotechnology at Cavite State University (CvSU)	4A	Cavite State University (CvSu)	Completed	
2015	Biotechnology	DA Biotech Program Scholarship Grant to UPV Undergraduate Students Pursuing Fisheries Biotechnology and Related Fields	6	University of the Philippines Visayas (UPV)	Completed	
2015	Biotechnology	DA Biotech Program Scholarship Grant to USM Undergraduate Students Pursuing Agri-biotechnology and Related Fields	12	University of Southern Mindanao (USM)	Ongoing	
2015	Biotechnology	Enhancing PHILFIDA's Capability on Virus Detection and Abaca	NCR	Philippine Fiber Industry	Completed	Abaca

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		Micropropagation for More Effective and Efficient Delivery of Services		Development Authority (PhilFIDA)		
2015	Biotechnology	Policy Support for Advancing Agricultural Biotechnology Program in the Philippines	Multiple	International Service for the Acquisition of Agri-biotech Applications (ISAAA)	Ongoing	
2015	Biotechnology	The Socio-economic, Environmental and Intersectoral Impacts of GM Corn in the Philippines	NCR	Society Towards Reinforcing Inherent Viability for Enrichment (SIKAP/STRIVE, Inc.)	Ongoing	Corn
2015	Biotechnology	Support to Program Documentation, Monitoring and Evaluation	4A NCR	Phillipine Agricultural and Resources Research foundation, Incorporated (PARRFI)	Ongoing	
2015	Biotechnology	Strengthening and Expansion of Fisheries Biotechnology R and D	3	National Fisheries	Completed	Fisheries

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		Network for the Promotion of Fisheries Biotechnology in the Philippines		Research and Development Institute (NFRDI)		
2015	Biotechnology	Operationalization of the Livestock Biotechnology Center	3	Philippine Carabao Center (PCC)	Completed	Livestock
2015	Adlay	Development and Utilization of Adlay as Staple Food and Other Food Uses	9	DA-RFO 9	Completed	Adlay
2015	Adlay	Sustainable Production through Improved Germplasm Conservation and Utilization and through Intercropping with Grain Legume	4A	UPLBFI	Completed	Adlay
2015	Adlay	Market Research for Adlay	NCR	UA&P	Completed	Adlay
2015	Rice	Identification and Selection of Transgressive Segregants in Philippine Released Hybrid Rice Varieties - Year 2	12 10 6	PhilRice	Ongoing	Rice
2015	Rice	Varietal Mixtures of Rice to Enhance Yield and Mitigate Effects of Climate Change in Stress Prone Areas - Year 1	Multiple	PhilRice	Ongoing	Rice

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2015	Rice	Accelerating Development, Demonstration and Adoption of Palayamanan Plus in Lowlands Farms – Year 2	3 2 1 13	PhilRice	Ongoing	Rice
2015	Rice	Profiling and Seed Multiplication/Purification of Selected Traditional Rice Varieties in Support of DA's Initiative on Rice Exportation - Year 2	3 2 4B 5 6 8 12	PhilRice	Completed	Rice
2015	Rice	Philippine Rice Information System Management (PRISM) - An operational system for rice monitoring to support decision making towards increased rice production in the Philippines - Year 2 (PhilRice Component)	CAR 3 4B 5 6 7 8	PhilRice	Completed	Rice
2015	Rice	Accelerating the Development and Adoption of Next-Generation (Next-Gen) Rice Varieties for the Major Ecosystems in the Philippines Year 2 (PhilRice Component)	4A 3	PhilRice	Completed	Rice
2015	Rice	Rice Crop Manager: A Comprehensive Decision Support Tool for Increasing Yields and	2 3 4B 8 13	PhilRice	Completed	Rice



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		Income for Farmers in the Philippines -Year 3 (PhilRice Component)				
2015	Rice	Accelerating the Development and Dissemination of Associated Rice Production Technologies that are Resource-Use Efficient - Year 3 (PhilRice Component)	Nationwide	PhilRice	Completed	Rice
2015	Rice	Improving Technology Promotion and Delivery through Capability Enhancement of the Next Generation of Rice Extension Professionals and Farmer Intermediaries – Year 2 (PhilRice Component)	Nationwide	PhilRice	Completed	Rice
2015	Rice	Raising Productivity and Enriching the Legacy of Heirloom/ Traditional Rice Through Empowering Communities in Unfavorable Rice-based Ecosystems - Year 2 (PhilRice Component)	12 CAR	PhilRice	Completed	Rice
2015	Rice	Benchmarking the Philippine Rice Economy Relative to Major Rice-	Multiple	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Producing Countries in Asia - Year 3 (PhilRice Component)				
2015	Rice	Value Chain Analysis of the Rice Industry in the Philippines - Year 1	Multiple	PhilRice	Completed	Rice
2015	Rice	Survey of Food Demand for Agricultural Commodities (SFD)	Nationwide	PSA	Completed	
2015	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region III through GIS based Water Resources Assessment	3	Central Luzon State University (CLSU)	Completed	
2015	Rice	Improving Rice Farming Income through the Development of Low Cost Technologies in Mushroom Propagation - Year 1	3	DA-RFO 3	Completed	Mushroom
2015	Rice	Philippine Rice Information System Management (PRISM) - An operational system for rice monitoring to support decision making towards increased rice production in the Philippines - Year 3 (IRRI Component)	Multiple	IRRI	Completed	Rice
2015	Rice	Accelerating the Development and Adoption of Next-Generation (Next-Gen) Rice Varieties for the Major Ecosystems in the	3 2 13 7 12 4A 10	IRRI	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Philippines Year 2 (IRRI Component)				
2015	Rice	Rice Crop Manager: A Comprehensive Decision Support Tool for Increasing Yields and Income for Farmers in the Philippines -Year 3 (IRRI Component)	2 3 4B 13 8	IRRI	Completed	Rice
2015	Rice	Accelerating the Development and Dissemination of Associated Rice Production Technologies that are Resource-Use Efficient - Year 3 (IRRI Component)	Nationwide	IRRI	Completed	Rice
2015	Rice	Improving Technology Promotion and Delivery through Capability Enhancement of the Next Generation of Rice Extension Professionals and Farmer Intermediaries – Year 2 (IRRI Component)	Nationwide	IRRI	Completed	Rice
2015	Rice	Raising Productivity and Enriching the Legacy of Heirloom/ Traditional Rice Through Empowering Communities in Unfavorable Rice-based	12 CAR	IRRI	Completed	Rice

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
		Ecosystems - Year 2 (IRRI Component)				
2015	Rice	Benchmarking the Philippine Rice Economy Relative to Major Rice-Producing Countries in Asia - Year 3 (IRRI Component)	Multiple	IRRI	Completed	Rice
2015	Rice	Compilation and Development of Database System on Small Scale Irrigation Project (SSIP)	Nationwide	DA-Bureau of Soils and Water Management (DA-BSWM)	Completed	
2015	Rice	Sustainability Plan of PRISM: Philippine Rice Information System - An Operational System for Rice Monitoring to Support Decision Making Towards Increased Rice Production in the Philippines	Nationwide	PhilRice	Completed	Rice
2015	Rice	Rice Crop Manager: A Comprehensive Decision Support Tool for Increasing Yields and Income for Farmers in the Philippines (ATI Component)	Multiple	ATI	Completed	Rice
2015	Rice	Mechanization and Commodity Diversification Modeling for Rice Based Farming Systems – Year 1	2	DA-RFO 2	Completed	Rice

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2015	Rice	Genebanking of Edible Mushrooms in the Philippines	Nationwide	Bureau of Plant Industry -Los Banos National Crop Research Development and Production Support Center (BPI-LBNCRDPSC)	Completed	Mushroom
2015	Rice	Collection, Characterization, Identification and Propagation of Indigenous Edible Mushrooms in Region 02	2	DA-RFO 2	Completed	Mushroom
2015	Rice	Performance Evaluation of Oyster Mushroom to Aging Rice Straw and Nutrient Supplementation for Sustainable Mushroom Production Under Lipa City Agro-ecological Conditions (Performance evaluation of oyster mushroom to aging rice straw and nutrient Supplementation for Sustainable mushroom production under Lipa City agro-ecological conditions)	4A	DA-RFO 4A	Completed	Mushroom

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2015	Rice	Formulation of a Bio-Enriched Soil Conditioner Using Mushroom Spent, Organic Concoctions and other Beneficial Soil Organisms and Efficacy Trial on Selected Vegetables	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Ongoing	Mushroom
2015	Rice	Production Efficiency of Oyster Mushroom on Selected Lignocellulosic Substrates	5	DA-RFO 5	Completed	Mushroom
2015	Rice	Mapping and Monitoring of Rice Areas to Assess the Effects of El Niño on Rice Crop Production in the Philippines CY 2015	Multiple	IRRI	Completed	Rice
2015	Rice	Improving Technology Promotion and Delivery through Capability Enhancement of the Next Generation of Rice Extension Professionals and Farmer Intermediaries (IPaD) - Supplemental Component: Conduct of the National Training of Trainers for AgRiDOCs and Regional Training of Roving AgRiDocs	Nationwide	IRRI	Completed	Rice
2015	Rice	Development of Mechanization Protocol for Improved Commercial	3	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Inbred Seed Production and Seed Quality				
2015	Rice	Performance and Impact Valuation of Small Scale Irrigation System (SSIS) for Climate-Resilient and Sustainable Agriculture-Year 1	1 2 3	DA-Bureau of Soils and Water Management (DA-BSWM)	Completed	
2015	Rice	Adaptive Performance of Pleurotus florida and P. sajor-caju and P. dyamor in Selected Municipalities of CALABARZON (Adaptive Performance of Pleurotus florida, and P. sajor-caju in Selected Municipalities of CALABARZON)	4A	DA-RFO 4A	Completed	Mushroom
2015	Rice	Effect of Climate Change on Levels of Arsenic and Cadmium Contaminations in Locally-Produced Rice	NCR	FDC-NFA	Completed	Rice
2015	Organic Agriculture	Yeast as biocontrol agent of postharvest disease of high value vegetables (eggplant and pepper) and fruit (mango and banana) crops	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Eggplant Pepper Mango Banana
2015	Organic Agriculture	Enhancing the utilization of biological control agents and botanicals for organic agriculture	6	Bureau of Plant Industry-La	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		in support to organic stakeholders in the Visayas		Granja (BPI-LGNCRDC)		
2015	Organic Agriculture	Isolation and utilization of the Potential Solubilising Microorganisms from animal Manure	3	Central Luzon State University (CLSU)	Ongoing	
2015	Organic Agriculture	Development of Organic Complete Ration Mix (OCRM): Adoption, Processing and Commercialization for Organic Dairy Goat Production	12	University of Southern Mindanao (USM)	Completed	Dairy Goat
2015	Organic Agriculture	Development of Natural Source as Alternative to Synthetic Methionine for Native Chicken Organic Supplemental Feed Production	6	Central Philippine University (CPU)	Ongoing	Native Chicken
2015	Organic Agriculture	Evaluation of Aquaculture Farms and Practices in Region 1: Bridging the gap to Organic Aquaculture	1	Mariano Marcos State University (MMSU)	Completed	
2015	CPAR	CPAR on Squash Production and Processing in Umingan, Pangasinan	1	DA-RFO 1	Ongoing	Squash
2015	CPAR	Community based Participatory Action Research on Rice based (rice-corn-shallot) farming System in Caoayan, Ilocos Sur	1	DA-RFO 1	Ongoing	Rice Corn Shallot
2015	CPAR	Community based Participatory Action Research on Rice based	1	DA-RFO 1	Ongoing	Rice Mungbean



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		(rice-mungbean) Farming System in Balungao, Pangasinan				
2015	CPAR	CPAR on Sugar Apple+ Vegetables+Legumes Farming System in Lobo, Batangas	4A	DA-RFO 4A	Ongoing	Sugar Apple
2015	CPAR	CPAR on Yellow Corn Using Site-Specific Nutrient Management (SSNM) Approach in Sablayan, Occidental Mindoro	4B	DA-RFO 4B MIMAROPA	Ongoing	Corn
2015	CPAR	CPAR on Rainfed Rice-based Farming System in Dumalag, Capiz	6	DA-RFO 6	Ongoing	Rice
2015	CPAR	CPAR on Rice-Based Farming System for Rainfed Areas Towards Farmer's Productivity Enhancement in San Lorenzo, Guimaras	6	DA-RFO 6	Ongoing	Rice
2015	Climate Change	Economic Analysis of Climate Change Adaptation Strategies in Selected Coastal Areas in the Philippines (Phase 2)	Multiple	Worldfish Center	Ongoing	
2016	AFMA	Phenotyping and Morphological Evaluation of Durian Cultivars in the Philippines	12	University of Southern Mindanao (USM)	Ongoing	Durian

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2016	AFMA	Field Trial and Technology Piloting of New PRSV-Tolerant Papaya F1 Hybrids	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Papaya
2016	AFMA	Phylogenetic Characterization and Detection Using Dry Format RT-LAMP of the Emergent Newcastle Disease Virus (NDV) in the Philippines	2	Central Luzon State University (CLSU)	Ongoing	Chicken
2016	AFMA	Resource Assessment, Biological Evaluation and Phytochemical Screening of Economically important Seaweeds of Ilocos Region	1	Mariano Marcos State University (MMSU)	Ongoing	Seaweeds
2016	AFMA	Breeding and Hatchery Management and broodstock Development of Pigeon (Mesopristes cancellatus)	12	Mindanao State University (MSU)	Ongoing	Pigeon
2016	AFMA	Environmental and anthropogenic Stressors Affecting the Biology, Ecology and Fishery Potential Of Glossogobius aureus (Hamilton 1882) in Lake Mainit, Northeastern Mindanao, Philippines	12	Mindanao State University (MSU)	Ongoing	Ayungin

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	AFMA	Performance Evaluation of Upgraded Goats Supplemented with Indigofera sp. under Organic Practice and Evaluation of Chevron Quality	NCR	Bureau of Animal Industry (BAI)	Ongoing	Goats
2016	AFMA	Halal Goat Production Under Intensified Production System in Lanao del Sur	12	Mindanao State University (MSU)	Ongoing	Goat
2016	HVCDP	Etiology, Physiological Characterization and Molecular Detection of Gibberellin and Fumonisin and Management of Gibberella moniliformis Wineland causing "Twister Disease" of Onions in the Philippines	3	Central Luzon State University (CLSU)	Completed	Onion
2016	HVCDP	Adaptability and Marketability of Blueberries in the Philippines	CAR	Bureau of Plant Industry-Baguió (BPI-BNCRDC)	Completed	Blueberries
2016	HVCDP	Action Project on Enhancing the Productivity and Quality of Black Pepper in the Philippines towards GAP Certification	4A	Bureau of Plant Industry -Los Banos National Crop Research Development and Production Support Center	Ongoing	Black Pepper

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				(BPI-LBNCRDPSC)		
2016	HVCDP	Nutritional Analysis of Indigenous Vegetables and Wild Edible Fungi as affected by Occurrence of Pests, Diseases and Weather Factors	12	University of Southern Mindanao (USM)	Completed	Indigenous Vegetables & Wild Edible Ferns
2016	HVCDP	Effects of Pests, Diseases, Biocontrol and Weather on the Phytochemical Production of Coffee and Cacao in Mindanao	12	University of Southern Mindanao (USM)	Completed	Cacao and Coffee
2016	HVCDP	Traditional Seed Storage Practices of Vegetable Growing Communities in Cagayan Valley: An Assessment	2	DA-RFO 2	Completed	Vegetables
2016	HVCDP	Varietal Evaluation, Multiplication and Promotion of Selected Indigenous Vegetables	4A	UPLB	Completed	Vegetables
2016	HVCDP	Varietal Development and Improvement of Shallot towards High Yielding, Pest and Diseases Resistant/Tolerant, and Longer Shelf Life Varieties	4A	UPLB	Completed	Shallot
2016	HVCDP	Enhancing Mungbean Adaptation to Climate Change: Varietal Improvement of Flooding Tolerance	4A	UPLB	Completed	Mungbean

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2016	HVCDP	Community-based Climate Change Adaptation Strategies for Enhancing Resilience in Coffee and Cacao Production	4A	Philippine Agriculture and Resources Research Foundation Inc. (PARRFI)	Completed	Coffee and Cacao
2016	HVCDP	Land Resources Evaluation and Suitability Assessment of Strategic Production Areas for Major Crops/Commodities	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Completed	Multi-crop
2016	RFDG	Establishment of Food Processing Research Center	4B	Marinduque State College (MSC)	Completed	(Research Facility)
2016	RFDG	Establishment of Organic Agriculture R&D Center in Ilocos Norte Research and Experiment Station	1	DA-RFO 1	Completed	(Research Facility)
2016	RFDG	Upgrading of the PhilRootcrops Pest Management Laboratory for Cassava Research and Development	8	Visayas State University (VSU)	Completed	(Research Facility)
2016	RFDG	Upgrading of Citrus Indexing Laboratory and Pathogen-Free Screenhouses of BPI-DNCRDC	11	Bureau of Plant Industry-Davao (BPI-DNCRDC)	Completed	(Research Facility)

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	RFDG	Establishment of the UPLB Techno Hub	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	(Research Facility)
2016	RFDG	Establishment of Mushroom Development Center at DA-RCPC, City of Ilagan Isabela	2	DA-RFO 2	Completed	(Research Facility)
2016	RFDG	Upgrading of Bio-Organic Fertilizer Production Facility in Support to R & D in Region 2	2	DA-RFO 2	Completed	(Research Facility)
2016	RFDG	Establishment of R & D Techno Demo Facility	3	Pampanga State Agricultural University (PSAU)	Completed	(Research Facility)
2016	RFDG	Rehabilitation of the Six Compartments of MinSCAT Bongabong Campus Brackishwater Fishpond Damaged by Typhoon Nona	4B	Mindoro State College of Agriculture and Technology (MinSCAT)	Completed	(Research Facility)
2016	RFDG	Establishment of Native Pig Gene Pool Center at Western Visayas	6	Aklan State University (ASU)	Completed	(Research Facility)
2016	RFDG	Establishment of Plant Genetic Resources Center in CALABARZON Region	4A	DA-RFO 4A	Completed	(Research Facility)

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2016	RFDG	Upgrading of Bio-Organic Fertilizer Production Facility in Region 1	1	DA-RFO 1	Completed	(Research Facility)
2016	RFDG	Establishment of R & D Center at Ramon Magsaysay Technological University	3	Ramon Magsaysay Technological University (RMTU)	Completed	(Research Facility)
2016	RFDG	Preparation of the Master Development Plans (MDP) of the Research and Development (R&D) Stations of DA-RFO XI -Research Division	11	DA-RFO 11	Completed	(Research Facility)
2016	RFDG	Establishment of R & D Technology Commercialization Center at USM	12	University of Southern Mindanao (USM)	Completed	(Research Facility)
2016	RFDG	Establishment of R&D Multi-Purpose Facility in CAR	CAR	DA-RFO CAR	Completed	(Research Facility)
2016	RFDG	Establishment of Plant Genetic Resources Center in Cagayan Valley	2	DA-RFO 2	Completed	(Research Facility)
2016	RFDG	Establishment of Siquijor Research and Development Multi-Purpose Facility	7	DA-RFO 6	Completed	(Research Facility)
2016	RFDG	Enhancement of Laboratory and Facilities of RFO 10 for Efficient	10	DA-RFO 10	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		and Effective Mushroom R&D Technology Transfer				
2016	RFDG	Establishment of Research and Development Building in DA-Palawan Research and Experiment Station (DA-PRES)	4B	DA-RFO 4B MIMAROPA	Completed	(Research Facility)
2016	RFDG	Establishment of Plant Genetic Resources Center in Bicol Region	5	DA-RFO 5	Completed	(Research Facility)
2016	RFDG	Establishment of Organic Agriculture Research and Development Center in Region 2	2	DA-RFO 2	Completed	(Research Facility)
2016	RFDG	Establishment of R&D Center in Romblon State University (RSU)	4B	Romblon State University (RSU)	Completed	(Research Facility)
2016	RFDG	Rehabilitation of the BFAR-Regional Fisheries Research and Development Center 6 (BFAR-RFRDC 6) Damaged by Typhoon Quinta	6	BFAR 6	Completed	(Research Facility)
2016	RFDG	Establishment of Food Product Development Center in Autonomous Region in Muslim Mindanao	BARMM	DAF - ARMMIARC	Completed	(Research Facility)
2016	RFDG	Establishment of Technology Commercialization Center at CBSUA	5	Central Bicol State University	Completed	(Research Facility)



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				of Agriculture (CBSUA)		
2016	RFDG	Establishment of Mushroom House at DA-INREC, Batac, Ilocos Norte	1	DA-RFO 1	Completed	(Research Facility)
2016	RFDG	Enhancement of Production support of the Tissue Culture Laboratory at Region 5 Central Bicol Experiment Station	5	DA-RFO 5	Completed	(Research Facility)
2016	RFDG	Establishment of an Organic Agriculture R&D Center in Quezon Province	4A	Southern Luzon State University (SLSU) Luzon	Completed	(Research Facility)
2016	RFDG	Upgrading and Improvement of Mushroom Research and Development Facilities of DA-RFO 4B Experiment Stations in Oriental Mindoro, Occidental Mindoro, and Palawan	4B	DA-RFO 4B MIMAROPA	Completed	(Research Facility)
2016	RFDG	Establishment of an Organic Agriculture R&D Center in Panay Island	6	Aklan State University (ASU)	Completed	(Research Facility)
2016	RFDG	Establishment of a Fish Processing and Marine Products Research and Development Center	3	Bataan Peninsula State University (BPSU)	Completed	(Research Facility)

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	RFDG	Upgrading of R&D Laboratory for Mushroom Culture and Production in Mindoro State College of Agriculture and Technology (MinSCAT), Main Campus	4B	Mindoro State College of Agriculture and Technology (MinSCAT)	Completed	(Research Facility)
2016	RFDG	Establishment of Amas Research and Experiment Station Mushroom Laboratory	12	DA-RFO 12	Completed	(Research Facility)
2016	RFDG	Establishment of Bio-Organic Waste Production Facility in Support to R&D in BSU, Cordillera Administrative Region	CAR	Benguet State University (BSU)	Completed	(Research Facility)
2016	RFDG	Establishment of Southern Mindanao Integrated Agricultural Laboratory (SoMinAL) in Manambulam, Tugbok District, Davao City: Mobilization, Construction of Building Foundation	11	DA-RFO 11	Completed	(Research Facility)
2016	RFDG	Rehabilitation of Central Bicol Experiment Station Perimeter Fence (600 LM)	5	DA-RFO 5	Completed	(Research Facility)
2016	Corn	Site specific nutrient management for cassava production in the DA RFO XI"	11	DA-RFO 11	Completed	Cassava

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Corn	On farm participatory evaluation in Region XI: Nutrient expert for maize Philippines"	11	DA-RFO 11	Completed	Corn
2016	Corn	on farm participatory evaluation in Region XIII: nutrient expert for maize - Philippines"	13	DA-RFO CARAGA	Completed	Corn
2016	Corn	Site Specific nutrient management for cassava production in the DA RFO XIII"	13	DA-RFO CARAGA	Completed	Cassava
2016	Corn	On farm participatory evaluation in Region 1: nutrient expert for maize Philippines"	1	DA-RFO 1	Completed	Corn
2016	Corn	Site specific nutrient management for cassava production in the autonomous region in Muslim Mindanao"	BARMM	DAF - ARMMIARC	Completed	Cassava
2016	Corn	On farm participatory evaluation in Muslim Mindanao: nutrient expert for maize Philippines"	BARMM	DAF - ARMMIARC	Completed	Corn
2016	Corn	Site specific nutrient management for white corn production in Quezon province farmers participatory evaluation)	4A	DA-RFO 4A	Completed	Corn
2016	Corn	Site Specific nutrient management for cassava production in region 2"	2	DA-RFO 2	Completed	Cassava

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2016	Corn	on-farm participatory evaluation in Region 3: nutrient expert for maize-Philippines"	3	DA-RFO 3	Completed	Corn
2016	Corn	Demonstrating sustained corn farm productivity and increasing farmers income thru crop rotation"	4A	UPLBFI	Completed	Corn
2016	Corn	Native corn as sources of resistance to the Asian corn borer ostrinia furnacalis (Gueenee), and post harvest inspect pest for crop improvement and pest management options" (year 2 and 3)	4A	UPLBFI	Completed	Corn
2016	Corn	Safeguarding the Philippine corn genetic diversity through strengthened and expanded corn germplasm conservation and management system: year 2 - year3"	4A	UPLBFI	Completed	Corn
2016	Corn	Creating useful heterotic groups for Philippine native corn varieties: an initial strategy for native corn germplasm improvement (year 2 - year 3)"	4A	UPLBFI	Completed	Corn

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Corn	Molecular characterization of native maize populations (year 2)"	4A	UPLBFI	Completed	Corn
2016	Corn	Evaluation of Philippine corn germplasm collection for tolerance to selected abiotic stresses (years 2 and 3)"	4A	UPLBFI	Completed	Corn
2016	Corn	Nationwide survey and early warning on cassava arthropod pests and diseases in the Philippines"	NCR	Bureau of Plant Industry (BPI)	Completed	Cassava
2016	Corn	Establishment of physicochemical and biological indicators of soil health for cassava"	4A	UPLBFI	Completed	Cassava
2016	Corn	Varietal improvement and yield trials of water stress tolerant corn"	4A	UPLBFI	Completed	Corn
2016	Corn	Phenotypic genotypic pathogen evaluation and assessment of native corn varieties for resistance to downy mildew and bacterial stalk rot" (year 2 and 3)	4A	UPLBFI	Completed	Corn
2016	Corn	Development of breeding populations as sources of resistance to different biotic and abiotic stress in corn (year 2 and year 3)	4A	UPLBFI	Completed	Corn

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Corn	Conservation and management of Philippine Traditional corn germplasm in the Region 1	1	DA-RFO 1	Completed	Corn
2016	Corn	Conservation and management of Philippine Corn germplasm in Region 2"	2	DA-RFO 2	Completed	Corn
2016	Corn	Conservation and management of Philippine Traditional corn germplasm in the Region IVA	4A	DA-RFO 4A	Completed	Corn
2016	Corn	Conservation and management of Philippine Traditional corn germplasm in the Region IVB	4B	DA-RFO 4B MIMAROPA	Completed	Corn
2016	Corn	Conservation and management of Philippine Traditional corn germplasm in Region 5	5	DA-RFO 5	Completed	Corn
2016	Corn	Conservation and management of Philippine Traditional Corn germplasm in Region 6	6	DA-RFO 6	Completed	Corn
2016	Corn	Conservation and management of traditional corn germplasm in Eastern Visayas	8	DA-RFO 8	Completed	Corn
2016	Corn	Conservation and management of traditional corn germplasm in Region 9	9	DA-RFO 9	Completed	Corn

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Corn	Conservation and management of Philippine Traditional Corn germplasm in Northern Mindanao	10	DA-RFO 10	Completed	Corn
2016	Corn	Conservation and management of Philippine Traditional corn germplasm in Region XI	11	DA-RFO 11	Completed	Corn
2016	Corn	Conservation and management of Philippine Traditional corn germplasm in the Region 12	12	DA-RFO 12	Completed	Corn
2016	Corn	Conservation and management of different traditional corn germplasm in the Autonomous region in Muslim Mindanao	BARMM	DAF - ARMMIARC	Completed	Corn
2016	Corn	Survey and Early Warning on Cassava Arthropod Pests and Diseases in the Philippines (Cordillera Administrative Region)	CAR	DA-RFO CAR	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pests and diseases in the Philippines (Region 1)	1	DA-RFO 1	Completed	Cassava
2016	Corn	Survey and early warnings on cassava arthropod pests and diseases in the Philippines (Region 2)	2	DA-RFO 2	Completed	Cassava

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Corn	Survey and early warning on cassava arthropod pest and diseases in the Philippines (Region 3)	3	DA-RFO 3	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pests and diseases in the Philippines (Region IVA)	4A	DA-RFO 4A	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pests and diseases in the Philippines (Region IVB)	4B	DA-RFO 4B MIMAROPA	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pests and disease in the Philippines (Region 5)	5	DA-RFO 5	Completed	Cassava
2016	Corn	Survey and Early Warning on Cassava Arthropod Pests and Diseases in the Philippines (Region VI)	6	DA-RFO 6	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pest and disease in the Philippines (Region VII)	7	DA-RFO 7	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pest and	8	DA-RFO 8	Completed	Cassava



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		diseases in the Philippines (Region 8)				
2016	Corn	Survey and early warning on cassava arthropod pest and diseases in the Philippines (Region 9)	9	DA-RFO 9	Completed	Cassava
2016	Corn	Survey and Early Warning on Cassava Arthropod Pests and Diseases in Northern Mindanao	10	DA-RFO 10	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropods pest and disease in the Philippines (Region XI)	11	DA-RFO 11	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropods pest and disease in the Philippines (Region XII)	12	DA-RFO 12	Completed	Cassava
2016	Corn	Survey and early warning on cassava arthropod pests and diseases in the Philippines (CARAGA Region)	13	DA-RFO CARAGA	Completed	Cassava
2016	Corn	Survey and Early Warning on Cassava Arthropod Pests and Diseases in the Autonomous Region in Muslim Mindanao	BARMM	DAF - ARMMIARC	Completed	Cassava

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Corn	On farm participatory evaluation In Northern Mindanao: nutrient expert for corn in the Philippines	10	DA-RFO 10	Completed	Corn
2016	Corn	Field evaluation of nutrient expert for maize - Philippines in ARMM for yellow corn hybrids	BARMM	DAF - ARMMIARC	Completed	Corn
2016	Corn	Field evaluation of nutrient expert for maize - Philippines (nem-ph) software for yellow corn hybrids in Region 4A	4A	DA-RFO 4A	Completed	Corn
2016	Corn	Enhancement of developed food products from CVRC open pollinated white and pigmented corn in Region 2	2	DA-RFO 2	Completed	Corn
2016	Corn	Field Evaluation of Nutrient Expert for Maize-Phils in Region 12 for Yellow Corn Hybrids	12	DA-RFO 12	Completed	Corn
2016	Corn	Field evaluation of nutrient expert for maize Philippines in Region Xi for yellow corn hybrids	11	DA-RFO 11	Completed	Corn
2016	Corn	Field evaluation of nutrient expert for maize Philippines in Region 2 for yellow corn hybrids"	2	DA-RFO 2	Completed	Corn
2016	Biotechnology	Genome-Wide Association (GWA) Mapping of Selected Philippine	3	PhilRice	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Rice Germplasm for Root Plasticity Alleles				
2016	Biotechnology	Genetic and Phytochemical Characterization of Pigmented Rice Accessions in Philrice Genebank	3	PhilRice	Ongoing	Rice
2016	Biotechnology	Development of Candidate Gene Sequence-Specific DNA Markers to Fast-Track Bacterial Wilt Resistance Breeding in Tomato	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Tomato
2016	Biotechnology	FishTRACE: Monitoring and Identification of Commercial fishery products for export using DNA Barcodes	Multiple	NFRDI	Ongoing	Fisheries (Commercial Fishes)
2016	Biotechnology	Understanding the Biochemistry of Monoterpene-Octopamine Receptor Interactions for the Selection of Potential Pest Control Bioactives	NCR	UP Diliman	Ongoing	
2016	Biotechnology	Development of provitamin A-enriched and disease-resistant rice lines through marker-assisted breeding	3	PhilRice	Completed	Rice
2016	Biotechnology	Molecular Detection and Mapping of Common Gastrointestinal Parasites of Ruminants in Region 2	2	DA-RFO 2	Completed	Livestock and Poultry (Ruminants)

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Biotechnology	Phenotypic Characterization and Genetic Diversity Analysis of Local Cattle in Lanao del Sur, Philippines Using SSR Markers	BARMM	Mindanao State University (MSU)	Ongoing	Livestock and Poultry (Cattle)
2016	Biotechnology	Biotechnology Research, Development, and Extension Agenda Implementation and Coordination	4A	International Service for the Acquisition of Agri-biotech Applications (ISAAA)	Ongoing	
2016	Biotechnology	Increasing Partnership on Agricultural Biotechnology Applications	Multiple	Biotechnology Coalition of the Philippines (BCP)	Completed	
2016	Adlay	Enhancing commercial adlay (Coix lacrima-jobi l) production, promotion and utilization for food in Region 10"	10	DA-RFO 10	Completed	Adlay
2016	Rice	Raising Productivity and Enriching the Legacy of Heirloom/Traditional Rice Through Empowering Communities in Unfavorable Rice based Ecosystems (Heirloom Rice) - Year 3	CAR 12	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2016	Rice	Rice Yield Gap and Economic Efficiency in the Philippines	1 2 3	PhilRice	Completed	Rice
2016	Rice	Mechanisms of Rice Insect Pest and Disease Resistance in Traditional Rice Varieties and Development of Genetic Stocks with Novel Sources of Resistance Genes	3 12	PhilRice	Completed	Rice
2016	Rice	Varietal Mixtures of Rice to Enhance Yield and Mitigate Effects of Climate Change in Stress Prone Areas - Year 2	3	PhilRice	Completed	Rice
2016	Rice	Rice Crop Manager Phase II: Part A. Research to develop and target location-specific rice-farming practices in a changing climate in the Philippines	3 4A	PhilRice	Completed	Rice
2016	Rice	Accelerating the Development and Adoption of Next-Generation (Next-Gen) Rice Varieties for the Major Ecosystems in the Philippines -Year 3 (PhilRice Component)	4A 3	PhilRice	Completed	Rice
2016	Rice	Improving Technology Promotion and Delivery through Capability Enhancement of the Next	Nationwide	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Generation of Rice Extension Professionals and Farmer Intermediaries (IPaD)- Year 3 (PhilRice Component)				
2016	Rice	Accelerating the Development and Dissemination of Associated Rice Production Technologies that are Resource -Use Efficient - Year 4 (PhilRice Component)	Nationwide	PhilRice	Completed	Rice
2016	Rice	Profiling and Seed Multiplication/Purification of Selected Traditional Rice Varieties in support of DA's Initiative on Rice Exportation (Year 3)	2 3 4A 6 4B 8 12	PhilRice	Completed	Rice
2016	Rice	Value Chain Analysis of the Rice Industry in the Philippines - Year 2	Multiple	PhilRice	Completed	Rice
2016	Rice	Analysis of Cropping System in Relation to Pest Profile and Crop Yields in Asynchronous Rice production of Nueva Vizcaya - Year 1	2	PhilRice	Completed	Rice
2016	Rice	Collection and Evaluation of Farmer's Rice Lines in Irrigated and Rainfed Lowland Areas in the Philippines - Year 1	12	PhilRice	Completed	Rice

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Rice	Rice Crop Manager: A Comprehensive Decision Support Tool for Increasing Yields and Income for Farmers in the Philippines -Phase II Year 1 (IRRI Component)	Multiple	IRRI	Completed	Rice
2016	Rice	Improving Technology Promotion and Delivery through Enhancement of the Next Generation of Rice Extension Professionals and Other Intermediaries (IPaD) - Year 3 (IRRI Component)	Multiple	IRRI	Completed	Rice
2016	Rice	Accelerating the Development and Adoption of Next-generation (Next-Gen) Rice Varieties for the Major Ecosystems In The Philippines Year 3 (IRRI Component)	Multiple	IRRI	Completed	Rice
2016	Rice	PRISM - Philippine Rice Information Systems Management - An operational system for rice monitoring to support decision-making toward increased rice production in the philippines - Year 3 (PhilRice Component)	Multiple	PhilRice	Completed	Rice

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Rice	Identification and Selection of Transgressive Segregants in Philippine Released Hybrid Rice Varieties - Year 3	Multiple	PhilRice	Completed	Rice
2016	Rice	Improving Crop Productivity in Drought Prone Rainfed Lowlands in the Philippines with Mechanized Direct Seeding Technology (PhilRice Component)	Multiple	PhilRice	Completed	Rice
2016	Rice	Improving Crop Productivity in Drought Prone Rainfed Lowlands in the Philippines with Mechanized Direct Seeding Technology (IRRI Component)	Multiple	IRRI	Completed	Rice
2016	Rice	Assessing the Production and Marketing of Philippine Specialty Rice - Year 1 (PhilRice Component)	Multiple	PhilRice	Completed	Rice
2016	Rice	Accelerating the Development and Dissemination of Associated Rice Production Technologies that are Resource-Use Efficient - Year 4 (IRRI Component)	Multiple	IRRI	Completed	Rice
2016	Rice	Philippine Rice Information System Management (PRISM) - An operational system for rice	Multiple	IRRI	Completed	Rice



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		monitoring to support decision making towards increased rice production in the Philippines - Year 4 (IRRI Component)				
2016	Rice	Identifying Suitable Sites for Small Scale Irrigaion Projects in Region 02 Through GIS-Based Water Resources Assessment	2	Isabela State University (ISU)	Completed	
2016	Rice	The 5th Round of the Regular Monitoring of Rice-Based Farm Households in the Philippines	Multiple	PhilRice	Completed	Rice
2016	Rice	Evaluation and Adaptation of Rice Integrated Crop Management Technologies to Enhance Yield and Reduce Input Costs in Irrigated Lowland - Year 1	Multiple	PhilRice	Completed	Rice
2016	Rice	Assessment of Farming Systems in the Rice-Based Communities and Development of Palayamanan Plus Model	Multiple	PhilRice	Ongoing	Rice
2016	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region 01 Through GIS-Based Water Resources Assessment	1	Mariano Marcos State University (MMSU)	Completed	

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region 12 Through GIS-Based Water Resources Assessment	12	University of Southern Mindanao (USM)	Completed	
2016	Rice	Field Assessment of Actinomycete Inoculant for Enhancing the Growth and Yield of Rainfed Lowland and Upland Rice	Multiple	PhilRice	Completed	Rice
2016	Rice	Assessing the Production and Marketing of Philippine Specialty Rice - Year 1 (IRRI Component)	Multiple	IRRI	Ongoing	Rice
2016	Rice	Raising productivity and Enriching the Legacy of Heirloom/Traditional Empowering Communities in Unfavorable Rice-based Ecosystems - Year 3 (IRRI Component)	Multiple	IRRI	Ongoing	Rice
2016	Rice	Enhancing Production Capacity of Community Mushroom Growers through the Mechanized Production of Pasteurized Substrate	NCR 3	Bureau of Plant Industry (BPI)	Completed	Mushroom
2016	Rice	Water- efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed	Multiple	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Environments (WATERice) - PhilRice Component				
2016	Rice	Automated text messaging for rice farmers: Identify cost-effective options for large-scale deployment through Rice Crop manager - PhilRice component	6	PhilRice	Completed	Rice
2016	Rice	Automated text messaging for rice farmers: Identify cost-effective options for large-scale deployment through Rice Crop manager - IRRI component	6	IRRI	Ongoing	Rice
2016	Rice	Assessment and Regional testing of the Improved Training Curriculum for AgRIDOCs: A New Breed of Agricultural Development Officers of the Community, for its Sustainable Roll-out	Multiple	ATI	Completed	
2016	Rice	Mapping and monitoring of rice areas to assess the effects of El Niño on rice crop production in the Philippines Year 2	Multiple	IRRI	Completed	Rice
2016	Rice	Development of Agriculture TecVoc High Schools Offering Crops Production as key Information	Multiple	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Hubs on Climate Change-Ready Rice Production Technologies for Improved Agricultural Productivity				
2016	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Bicol Region Through GIS-Based Water Resources Assessment	5	Central Bicol State University of Agriculture (CBSUA)	Completed	
2016	Rice	Benchmarking the Research and Development Capacity of the Regional Rice and Rice-based Research and Development Network (BR4D)	Multiple	IRRI	Completed	Rice
2016	Rice	Accelerating the Development and Adoption of Next-Generation (Next-Gen) Rice Varieties for the Major Ecosystems in the Autonomous Region in Muslim Mindanao -DS 2016-2017	BARMM	DAF - ARMMIARC	Completed	Rice
2016	Rice	Philippine Rice Information System (PRISM) - An Operational System for Rice Monitoring to Support Decision Making Towards Increased Rice Production in the Autonomous Region in Muslim Mindanao DS 2016-2017	BARMM	DAF - ARMMIARC	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2016	Rice	Rice Crop Manager(RCM): A Comprehensive Decision Support Tool for Increasing Yields and Income of farmers in the Autonomous region in Muslim Mindanao, Dry Season 2016-2017	BARMM	DAF - ARMMIARC	Completed	Rice
2016	Rice	Mapping and Assessment of Salinity in Agricultural Areas and Coastal Communities in Selected Provinces in the Philippines	Multiple	DA-Bureau of Soils and Water Management (DA-BSWM)	Completed	
2016	Rice	Development and Promotion of Community-Based Mushroom production of Shiitake (Lenticus edodes) and Other High-End Mushroom Species in the Heirloom Rice Areas for Increased productivity and Food Sufficiency	CAR	DA-RFO CAR	Completed	Mushroom
2016	Rice	Water- efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WATERice) - IRRI Component	Multiple	IRRI	Completed	Rice
2016	Rice	Identifying Suitable Sites for Small Scale irrigation in Cordillera Administrative region through	CAR	Ifugao State University (IfSU)	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		GIS-Based Water Resources Assessment				
2016	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Davao Region Through GIS-Based Water Resources Assessment	11	Southern Philippines Agri-Business and Marine and Aquatic School of Technology (SPAMAST)	Completed	
2016	Rice	National Multi-Environment Testing (NMET) of Drought-Prone Direct-Seeded Rainfed Lowland Rice Lines	2 1 3 5 4A 6 12	University of the Philippines Los Baños (UPLB)	Completed	Rice
2016	Rice	Development of an integrated Crop Management Package for Rice in Saline-Prone Areas for Increased Productivity	Multiple	PhilRice Batac	Ongoing	Rice
2016	Rice	Cotabato Special Rice: A Participatory Approach in Building a Community Rice-based Enterprise	3	PhilRice	Ongoing	Rice
2016	Organic Agriculture	Development of Microbial Inoculants for the Production of Improved Fermented Biological Extracts (Phase 2)	4A	UPLBFI	Ongoing	

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2016	CPAR	Community-based Participatory Action Research on Breeder Goat Production in Sta. Maria, Ilocos Sur	1	DA-RFO 1	Ongoing	Goat
2016	CPAR	Community-based Participatory Action Research on Breeder Goat Production in San Jacinto, Pangasinan	1	DA-RFO 1	Ongoing	Goat
2016	CPAR	CPAR on Off Season Onion Production and Enterprise Development in Rice Based Areas in Aritao, Nueva Vizcaya	2	DA-RFO 2	Ongoing	Onion Rice
2016	CPAR	CPAR Model Showcasing Mungbean GAP-based for Improved Rice Productivity in Lowland Rice-based Areas for Culing Cluster, Cabatuan, Isabela	2	DA-RFO 2	Ongoing	Mungbean
2016	CPAR	CPAR on Corn-based Integrated Farming System in Riverflood Plains in Alcala, Cagayan	2	DA-RFO 2	Ongoing	Corn
2016	CPAR	CPAR on Sustainable Corn Production in Sloping Areas (SCoPSA) in Corn-Based Hilly Areas in Maddela, Quirino	2	DA-RFO 2	Ongoing	Corn
2016	CPAR	CPAR on Enhancing White/Purple Corn Productivity under River	2	DA-RFO 2	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Flood and Drought Prone Areas of Enrile Cagayan				
2016	CPAR	CPAR model on rainfed rice-based farming system and utilization of upland areas in Pande Azucar Island, Concepcion, Iloilo	6	DA-RFO 6	Ongoing	Rice
2016	CPAR	Community-based Participatory Action Research (CPAR): Improvement of Cacao Production in Brgy. Sirib and Brgy. Subasta, Calinan District, Davao City	11	DA-RFO 11	Completed	Cacao
2016	Climate Change	Climate-Risk Vulnerability Assessment (CRVA) to Support Region-Level Targeting and Planning for the Adaptation and Mitigation Initiative in Agriculture (AMIA)	Multiple	CIAT	Ongoing	
2016	Climate Change	Developing a Decision-Support Platform for Climate-Resilient Agri-fisheries (CRA) Investment Prioritization in the Philippines	Multiple	CIAT	Ongoing	
2016	Climate Change	Building Community-Based Models for Climate-Resilient Agriculture and Fisheries across Landscape	6	International Institute of Rural Reconstruction (IIRR)	Completed	



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Within the Municipality of Ivisan, Capiz				
2016	Climate Change	Building Community-Based Models for Climate-Resilient Agriculture and Fisheries across Landscape Within the Municipality of Guinayangan, Quezon	4A	International Institute of Rural Reconstruction (IIRR)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Bataan	3	Bataan Peninsula State University (BPSU)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Negros Oriental	7	NorSU	Completed	
2016	Climate Change	Suitability / Vulnerability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Cagayan Province	2	Cagayan State University (CSU)	Completed	

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Climate Change	Climate Change Impacts and Vulnerability Assessment of Ecosystems and Communities to Support Development of Resilient Communities and Livelihoods in Nueva Ecija	3	Central Luzon State University (CLSU)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Albay	5	Bicol University (BU)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Leyte	7	Visayas State University (VSU)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities & Livelihoods in Selected Vulnerable Communities in Southern Leyte	7	Southern Leyte State University (Leyte)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable	10	Mindanao State University (MSU)	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Communities in Misamis Occidental				
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Cotabato Province	12	University of Southern Mindanao (USM)	Completed	
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Sultan Kudarat	12	Sultan Kudarat State University (SKSU)	Completed	
2016	Climate Change	Climate Information Services (CIS) Provisioning in the Agricultural Sector	Multiple	UPLBFI	Completed	
2016	Climate Change	Enhancing Sustainability of Upland Village Farming in Benguet Through Vulnerability Assessment, Policy Analysis and Natural Resources Conservation Education	CAR	UPLB UPLBFI	Completed	
2016	Climate Change	AMIA Knowledge Management Research Program on Building Climate-Resilient Livelihoods and Communities	Multiple	UPLBFI	Completed	

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2016	Climate Change	Community-based Adaptation: Enhancing Climate Change Resilience of Communities and Ecosystems through Participatory Watershed Management	Multiple	UPLBFI	Completed	
2016	Climate Change	Climate Change Impacts on Value Chains of Siganid and Tilapia in Vulnerable Regions in Luzon, Philippines	Multiple	Worldfish Center	Completed	Tilapia
2016	Climate Change	Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in the Philippines	Multiple	Worldfish Center	Completed	
2016	Climate Change	Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative (AMIA) Phase 2 in Iloilo	6	Iloilo State College of Fisheries (ISCOF)	Completed	
2016	Climate Change	Regional Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization in Region 1 for the Adaptation and Mitigation Initiative (AMIA) Phase 2	1	Mariano Marcos State University (MMSU)	Completed	

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2016	Climate Change	Regional Climate Resilient Agri-Fisheries (CRA) Assessment, Targeting and Prioritization for Adaptation and Mitigation Initiative (AMIA) Phase 2 in Isabela of Cagayan Valley Region (Region 02)	2	Isabela State University (ISU)	Completed	
2016	Climate Change	Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative for Tarlac Province	3	Tarlac Agricultural University (TAU)	Completed	
2016	Climate Change	Regional Climate Resilient Agri-fisheries Assessment, Targeting and Prioritization for Adaptation and Mitigation Initiative (AMIA) Phase 2 (CALABARZON)	4A	Southern Luzon State University (SLSU) Luzon	Completed	
2016	Climate Change	Climate-Resilient (CRA) Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative (AMIA) Phase 2: Focus on Bukidnon Province	10	Central Mindano University (CMU)	Completed	
2016	Climate Change	Assessing Potentials of DA Institutional and Policy	Multiple	UPLBFI	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Innovations for Adaptation and Mitigation in Agriculture (AMIA) Phase 2				
2016	Climate Change	Regional Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization in Negros Island Region for the Adaptation and Mitigation Initiative (AMIA) Phase 2	8	Visayas State University (VSU)	Completed	
2016	Climate Change	Regional Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization for the Adaption and Mitigation Initiative (AMIA) Phase 2 in (North) Cotabato Province	12	University of Southern Mindanao (USM)	Completed	
2016	Climate Change	Region XI Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization for Adaptation Initiative (AMIA) Phase 2	11	University of Southeastern Philippines (USEP)	Completed	
2016	Climate Change	Regional Climate-Resilient Agri-fisheries (CRA) Assessment, Targeting & Prioritization for the Adaption and Mitigation Initiative	5	Partido State University (ParSU) [1]	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		(AMIA) Phase 2, Region V (Bicol) - Camarines Sur				
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Region 3	3	DA-RFO 3	Completed	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Region 6	6	DA-RFO 6	Completed	
2016	Climate Change	Community-Based Action Research for Climate Resilient Agriculture (CRA) in Negros Occidental Community-Based Action Research for Climate Resilient Agriculture (CRA) in Negros Island Region	6	DA-RFO 6	Completed	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in CALABARZON Region (Region IV-A)	4A	DA-RFO 4A	Completed	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Region 5	5	DA-RFO 5	Completed	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Northern Mindanao	10	DA-RFO 10	Completed	

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2016	Climate Change	Production and Testing of Biochar-Organic Fertilizer Blends/Mixes as Soil Amendment for the Enhancement of Soil Health and an Avenue for Carbon Sequestration	Multiple	UPLB	Completed	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Region I	1	DA-RFO 1	Completed	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Region XI	11	DA-RFO 11	Ongoing	
2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Region 12	12	DA-RFO 12	Completed	
2016	Climate Change	Developing Strategies Towards More Resilient Fishing Communities Admst Climate Change: The Case of Major Lakes in Luzon	Multiple	UPLBFI	Completed	Fisheries
2016	Climate Change	Documentation and Assessment of Local/Indigenous Knowledge (LInK) for Climate Change Adaptation of AgriFisheries Communities	Multiple	UPLBFI	Completed	



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2016	Climate Change	Community-Based Action Research for Climate-Resilient Agriculture (CRA) in Cagayan Valley	2	DA-RFO 2	Completed	
2017	AFMA	Enhancing Utilization of Vetiver System for Erosion Control and Livelihood Development to Address Climate Change	5	Central Bicol State University of Agriculture (CBSUA)	Ongoing	Vetiver
2017	AFMA	Monitoring and Dietary Risk Assessment of Pesticide Residues in Beverages and Honey for ASEAN MRL Setting	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Food Safety
2017	AFMA	Evaluation of Watershed and Agroforestry Areas with Rubber Plantations in Selected Areas in the Philippines	3	Bulacan State University	Ongoing	Rubber
2017	AFMA	Collection, Characterization and Evaluation of Macrofungi of Angat Watershed Reservation	3	Bulacan State University	Ongoing	Mushroom
2017	AFMA	Volume and availability of banana and water lily and their utilization as feed ingredients for goats in Luzon	3	Pampanga State Agricultural University (PSAU)	Ongoing	Banana Stalks and Water Lily/ Goat
2017	AFMA	Volume and availability of banana and water lily and their utilization as feed ingredients for goats	12	University of Southern Mindanao (USM)	Ongoing	Banana Stalks and Water Lily/ Goat

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	AFMA	Nutritive value, Digestibility and performance of Buffaloes using Banana by-products and water lily as alternative feed sources	3	Philippine Carabao Center (PCC)	Ongoing	Banana Stalks and Water Lily/ Buffalo
2017	AFMA	Feeding value of banana ( <i>Musa sapientum</i> ) stalk and water lily ( <i>Eichhornia crassipes</i> ) (Mart.) in dairy cattle	4A	UPLBFI	Ongoing	Banana Stalks and Water Lily/ Cattle
2017	AFMA	Situational Study on the Potential Use of Banana Stalks and Water Lily as Source of Fiber for Handicraft and Textile	NCR	Philippine Fiber Industry Development Authority (PhilFIDA)	Ongoing	Banana Stalks and Water Lily
2017	AFMA	Assessment on the Utilization of Jute Sacks as Packaging Materials	NCR	Philippine Fiber Industry Development Authority (PhilFIDA)	Ongoing	Jute
2017	AFMA	Assessment of the Production Capacities and Development of Managed Harvest Technologies for the Conservation of Natural Stocks of Sargassum	NCR	Marine Environment and Resources Foundation, Inc. (MERF)	Completed	Fisheries/ Sargassum

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	AFMA	Use of Agriwaste Compost and Trichoderma Microbial Inoculant (TMI) for LGU and Community-based Rehabilitation of Agricultural Lands Damaged by Mine Wastes in Mogpog, Marinduque	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Agriwaste
2017	AFMA	Utilization of Optimized Osmotically Dehydrated Mango ( <i>Mangifera indica</i> ) to Different Food Processing Technologies	NCR	UP Diliman	Ongoing	Mango
2017	AFMA	DNA Barcoding, Georeferencing, Morphological Characterization, Preliminary Evaluation and Selection of Philippine Jackfruit ( <i>Artocarpus heterophyllus</i> Lam) Germplasm and its Relatives	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Jackfruit
2017	HVCDP	Adoption and Optimization of Somatic Embryogenesis Protocol for Mass Propagation of Robusta Coffee ( <i>Coffea canephora</i> ) and Arabica Coffee ( <i>Coffea arabica</i> )	10	DA-RFO 10	Completed	Coffee
2017	HVCDP	Development of Integrated Crop Protection Strategies on Garlic with Emphasis on the Production of Disease-Free Planting Materials	4A	Bureau of Plant Industry -Los Banos National Crop Research	Completed	Garlic

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Development and Production Support Center (BPI-LBNCRDPSC)		
2017	HVCDP	Insecticide Management and Resistance Studies for Onion Armyworm, Spodoptera exigua Hubner (Lepitoptera:Noctuidae)	4A	UPLBFI	Ongoing	Onion
2017	HVCDP	Biological Studies of Onion Armyworm, Spodoptera exigua Hubner (Lepidoptera: Noctuidae)	4A	UPLBFI	Completed	Onion
2017	HVCDP	Early Detection and Warning: Surveillance and Monitoring of Different Crops/Areas Affected by Onion Armyworm, Spodoptera exigua Hubner (Lepidoptera:Nuctuidae)	4A	UPLBFI	Completed	Onion
2017	HVCDP	Efficacy Test of Bio-pesticides and Microbials against Onion Armyworm, Spodoptera exigua Hubner (Lepidoptera: Noctuidae)	4A	UPLBFI	Completed	Onion
2017	HVCDP	Fruit Size and Quality Enhancement of Spanish Red	5	DA-RFO 5	Completed	Spanish Red Pineapple

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Pineapple through Cultural Management Practices				
2017	HVCDP	Fruit Size and Quality Enhancement of Spanish Red Pineapple through Cultural Management Practices in Region 6	6	Aklan State University (ASU)	Completed	Spanish Red Pineapple
2017	HVCDP	Quality and Safety Assessment and Postharvest Behavior of Onion Grown under Integrated Pest Management Program against Armyworm	4A	UPLBFI	Completed	Onion
2017	HVCDP	Development of Chemical and Cultural Control of Cecid Fly in Mango (Dipteria: Cecidomyiidae)	4A	UPLBFI	Completed	Mango
2017	HVCDP	Detection, Spatial Tracking, Damage, and Yield Assessment and Mapping of Armyworm Infestation and Diseases of Onion Using Remote Sensing Technology	3	Central Luzon State University (CLSU)	Completed	Onion
2017	HVCDP	Selection, Purification, and Multiplication of Garlic Cultivars for Multi-Location Trials in Regions 3, 5 and 6	4A	Bureau of Plant Industry -Los Banos National Crop Research Development and Production	Completed	Garlic

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Support Center (BPI-LBNCRDPSC)		
2017	HVCDP	Selection, Purification, and Multiplication of Garlic Cultivars for Multi-Location Trials in Region 4	4A	University of the Philippines Los Baños (UPLB)	Completed	Garlic
2017	HVCDP	Selection, Purification, and Multiplication of Garlic Cultivars for Multi-Location Trials in Region 1	1	DA-RFO 1	Completed	Garlic
2017	HVCDP	Selection, Purification, and Multiplication of Garlic Cultivars for Multi-Location Trials in Regions 1, 2 and CAR	1	Mariano Marcos State University (MMSU)	Completed	Garlic
2017	HVCDP	Combined Influence of Genotype, Fermentation Method, and Roasting in Premium Cacao Products	4A	OPTIONS, Inc.	Ongoing	Cacao
2017	RFDG	Establishment of Cryogenic Culture Bank at CLSU	3	Central Luzon State University (CLSU)	Completed	(Research Facility)
2017	RFDG	Enhancing the Mushroom Production in Region 1 as Regional	1	DA-RFO 1	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Mushroom Center in Dingras, Ilocos Norte				
2017	RFDG	Establishment of Tissue Culture Laboratory at Balindog Research and Experiment Station	12	DA-RFO 12	Completed	(Research Facility)
2017	RFDG	Establishment of Plant Genetic Resource Center in Central Mindanao	12	DA-RFO 12	Completed	(Research Facility)
2017	RFDG	Upgrading of Diagnostic Laboratory in the Province of Ifugao	CAR	PLGU-Ifugao	Completed	(Research Facility)
2017	RFDG	Upgrading of National Crop Protection Center Towards Creation of Plant Health Clinic	4A	University of the Philippines at Los Baños (UPLB)	Completed	(Research Facility)
2017	RFDG	Enhancement of Mushroom R&D Facility at Davao Commercial Agriculture Research Station (DaCARS)	11	DA-RFO 11	Completed	(Research Facility)
2017	RFDG	Strengthening of the R & D Facilities of the BPI-LBNCRDPSC	4A	Bureau of Plant Industry -Los Banos National Crop Research Development and Production	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Support Center (BPI-LBNCRDPSC)		
2017	RFDG	Establishment of R&D Facility in Bicol Region	5	DA-RFO 5	Completed	(Research Facility)
2017	RFDG	Refurbishment of R&D Facility at Manambulan, Davao City	11	DA-RFO 11	Completed	(Research Facility)
2017	RFDG	Establishment of Research and Development Multi-Purpose Facility in Autonomous Region in Muslim Mindanao	BARMM	DAF - ARMMIARC	Completed	(Research Facility)
2017	RFDG	Establishment of Carmen Research and Development Multipurpose Facility	7	DA-RFO 6	Completed	(Research Facility)
2017	RFDG	Establishment of Cebu Experiment Station Research and Development Multi Purpose Facility	7	DA-RFO 6	Completed	(Research Facility)
2017	RFDG	Establishment of Multi Purpose R&D Center in Region XI (DARUARS)	11	DA-RFO 11	Completed	(Research Facility)
2017	RFDG	Establishment of Research and Development Multi-Purpose Building of BPI-DNCRDPSC	11	Bureau of Plant Industry-Davao (BPI-DNCRDC)	Completed	(Research Facility)



<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2017	RFDG	Establishment of Organic Agriculture Research and Development Center at University of Southern Mindanao	12	University of Southern Mindanao (USM)	Completed	(Research Facility)
2017	RFDG	Establishment of Multi-Purpose R&D Facility in Sorsogon	5	DA-RFO 5	Completed	(Research Facility)
2017	RFDG	Establishment of the Fishery R&D Center in Mindoro State College of Agriculture and Technology (MinSCAT)-Bongabong Campus	4B	Mindoro State College of Agriculture and Technology (MinSCAT)	Completed	(Research Facility)
2017	RFDG	Rehabilitation of R & D Building in Cagayan Valley Research Center Damaged by Typhoon	2	DA-RFO 2	Completed	(Research Facility)
2017	RFDG	Establishment of the Research and Development Building in Batanes Experiment Station	2	DA-RFO 2	Completed	(Research Facility)
2017	RFDG	Rehabilitation of BPI-La Granja National Crop Research, Development and Production Support Center (NCRDPSC) of the Research and Development building (Phase 2)	6	Bureau of Plant Industry-La Granja (BPI-LGNCRDC)	Completed	(Research Facility)
2017	RFDG	Establishment of Mushroom Laboratory of BPI-La Granja	6	Bureau of Plant Industry-La	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		National Crop Research, Development and Production Support Center (NCRDPSC)		Granja (BPI-LGNCRDC)		
2017	RFDG	Establishment of the Southeast Asian AgriMuseum and Learning Center on Agricultural and Rural Development	4A	Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)	Completed	(Research Facility)
2017	RFDG	Establishment of Technology Commercialization Center at BPI	4A	Bureau of Plant Industry -Los Banos National Crop Research Development and Production Support Center (BPI-LBNCRDPSC)	Completed	(Research Facility)
2017	RFDG	Establishment of Technology Commercialization Center in DA RFO 2, Tuguegarao Cagayan	2	DA-RFO 2	Completed	(Research Facility)
2017	RFDG	Establishment of Plant Genetic Resources Center in the DA RFO 7	7	DA-RFO 6	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	RFDG	Establishment of R&D Techno Commercialization Center in Southern Mindanao	11	DA-RFO 11	Completed	(Research Facility)
2017	RFDG	Establishment of Plant Genetic Resources Center in DA RFO MIMAROPA	4B	DA-RFO 4B MIMAROPA	Completed	(Research Facility)
2017	RFDG	Establishment of Nanotechnology R&D Facility at CLSU, Munoz, Nueva Ecija	3	Central Luzon State University (CLSU)	Completed	(Research Facility)
2017	RFDG	Establishment of Tissue Culture Laboratory at MSU-Maguindanao	BARMM	Mindanao State University (MSU)	Completed	(Research Facility)
2017	RFDG	Establishment of the Organic RDE Center at UPLB	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	(Research Facility)
2017	RFDG	Upgrading of IPB's Tissue Culture Facility for Sustained Production of Disease-Free Planting Materials of Garlic	4A	University of the Philippines at Los Baños (UPLB)	Completed	(Research Facility)
2017	Corn	Survey and Early Warning on Cassava Arthropod Pests and Diseases in the Philippines (Region 9)	9	DA-RFO 9	Completed	Cassava

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2017	Corn	Evaluation and Assessment of Corn Cluster Program in Enhancing Quality of Corn Products and Competitiveness of Corn Farmers	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn
2017	Corn	Development of zinc Solubilizing Inoculant for Improved Crop Nutrient	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn
2017	Corn	Selection and Breeding of Cassava Varieties for Specialized Traits and Phenotypes	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2017	Corn	Enhanced Germplasm Collection and Evaluation of Cassava for Specialty Uses	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2017	Corn	Protein enrichment of cassava (Manihot esculenta Crantz) for feeds and food (Bioprocessing of Cassava (Manihot esculenta Crantz) into Protein-enriched Products for Feeds and Food)	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2017	Corn	Conservation and management of Philippine Traditional corn germplasm in Region 7"	7	DA-RFO 7	Completed	Corn
2017	Corn	Conservation and management of Philippine Traditional corn germplasm in Region 13	13	DA-RFO CARAGA	Completed	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	Corn	Production, Processing and Physico chemical assessment of cassava leaves as potential source of protein for human and animal nutrition	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2017	Corn	Development and Field Testing of Greenhouse solar Dryer Food Grade Cassava Products	3	PHILMECH	Completed	Cassava
2017	Biotechnology	Development of a diagnostic platform for forecasting the effectiveness of resistance genes against rice blast	3 4A	PhilRice	Completed	Rice
2017	Biotechnology	Pilot Testing and Validation of the Molecular Marker Diagnostic Kit for Durian Nurseries in Mindanao and other Parts of the Philippines	12	University of Southern Mindanao (USM)	Completed	Durian
2017	Biotechnology	Molecular and Biological Characterization of a Phytoplasma causing the Witches Disease of Cassava in the Philippines and Screening of Resistance	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2017	Biotechnology	Proficiency Testing and Validation of the Developed PCR based Detection Protocol of Salmonella in Meat Samples	NCR	UP Diliman	Ongoing	Livestock and Poultry (Swine and Chicken)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	Biotechnology	DNA Barcoding and Fingerprinting of 47 Cassava ( <i>Manihot esculenta</i> Crantz) Varieties Released by National Seed Industry Council (NSIC)	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2017	Biotechnology	In Vitro Characterization and Molecular Detection of Antimicrobial Resistance and Identification of Virulence Genes in <i>Salmonella enterica</i> Isolates	NCR	UP Diliman	Ongoing	Livestock and Poultry (Swine)
2017	Biotechnology	Field evaluation of microbial inoculant for micronutrient mobilization on the growth, yield and nutritional quality of sweetpotato and purple yam	8	Visayas State University (VSU)	Completed	sweet potato purple yam
2017	Biotechnology	Farmer-driven Promotion and Communication of DA Biotech Program-supported Biotechnologies in Selected Localities	1 3 5 6 10 12	Philippine Agriculture and Resources Research Foundation, Inc. (PARRFI)	Completed	
2017	Biotechnology	Support for the Promotion of Public Sector-Generated Technologies	NCR 1 3 4 12	Biotechnology Coalition of the Philippines (BCP)	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	Biotechnology	Biotechnolohiya para sa Kalikasan, Kalusugan, Kagandahan, Kabuhayan, at Kaunlaran: National Biotechnology Week Celebration	Multiple	Biotechnology Coalition of the Philippines (BCP)	Ongoing	
2017	Biotechnology	Red Mold Rice as Natural Dietary Supplement: Market Studies	3	PhilRice	Ongoing	Rice
2017	Adlay	2nd National Adlay Field Day and Technology Forum	10	DA-RFO 10	Ongoing	Adlay
2017	Adlay	Devt of Sustainable adlay production Model under idel grassland in region 2	2	DA-RFO 2	Completed	Adlay
2017	Adlay	Enhancing Adlay Productivity as Staple Food Crop and for Health and Wellness in Region 12	12	DA-RFO 12	Completed	Adlay
2017	Rice	Improving Crop Productivity in Drought Prone Rainfed Lowlands in the Philippines with Mechanized Direct Seeding Technology 2017-2018 (PhilRice Component)	Multiple	PhilRice	Ongoing	Rice
2017	Rice	PRISM - Philippine Rice Information Systems Management - An operational system for rice monitoring to support decision-making toward increased rice production in the Philippines -	Multiple	PhilRice	Completed	Rice

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		Completion Year (PhilRice Component)				
2017	Rice	Water-efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WATERice) - 2017-2018 (PHILRICE Component)	Multiple	PhilRice	Completed	Rice
2017	Rice	Varietal Mixtures of Rice to Enhance Yield and Mitigate Effects of Climate Change in Stress Prone Areas - Completion Year	Multiple	PhilRice	Completed	Rice
2017	Rice	Mechanisms of Rice Insect Pest and Disease Resistance in Traditional Rice Varieties and Development of Genetic Stocks with Novel Sources of Resistance Genes - 2017-2018	Multiple	PhilRice	Completed	Rice
2017	Rice	National Rice Cooperative Testing Project (NCT) - 2017	3	PhilRice	Completed	Rice
2017	Rice	Accelerating the Development and Adoption of Next-Generation (Next-Gen) Rice Varieties for the Major Ecosystems in the Philippines -2017-2018 - PhilRice Component	Multiple	PhilRice	Completed	Rice



<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2017	Rice	Rice Crop Manager Phase II: Part A. Research to Develop and Target Location Specific Rice Farming Practices in a Changing Climate in the Philippines 2017-2018 (PhilRice Component)	Multiple	PhilRice	Completed	Rice
2017	Rice	Collection and Evaluation of Farmer's Rice Lines in Irrigated and Rainfed Lowland Areas in the Philippines - 2017-2018	Multiple	PhilRice	Completed	Rice
2017	Rice	Identification and Selection of Transgressive Segregants in Philippine Releases Hybrid Rice Varieties - Completion Year	Multiple	PhilRice	Completed	Rice
2017	Rice	Development of an Integrated and Mechanized System of Handling and Drying for Fast Processing of Typhoon Affected Palay - Completion Year	3	PhilRice	Completed	Rice
2017	Rice	Development of Mechanization Protocol for Improved Commercial Inbred Seed Production and Seed Quality - Completion Year	3	PhilRice	Completed	Rice
2017	Rice	Analysis of Cropping System in Relation to Pest Profile and Crop	3	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Yields in Asynchronous Rice production of Nueva Vizcaya - 2017-2018				
2017	Rice	Improving Crop Productivity in Drought Prone Rainfed Lowlands in the Philippines with Mechanized Direct Seedling Technology - IRRI Component	Multiple	IRRI	Completed	Rice
2017	Rice	Rice Crop Manager Phase II: Part A. Research to Develop and Target Location Specific Rice Farming Practices in a Changing Climate in the Philippines 2017-2018 (IRRI Component)	Multiple	IRRI	Completed	Rice
2017	Rice	Water- efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WATERice) - 2017-2018 (IRRI Component)	Multiple	IRRI	Completed	Rice
2017	Rice	Pest and Disease Risk Identification and Management (PRIME) - IRRI Component	Multiple	IRRI	Completed	Rice
2017	Rice	Pest and Disease Risk Identification and Management (PRIME) 2017 - BPI Component	Multiple	Bureau of Plant Industry (BPI)	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	Rice	Development of Rice Varieties for Rainfed Lowland Drought-prone Environments	4A	University of the Philippines Los Baños (UPLB)	Completed	Rice
2017	Rice	Philippine Rice Information System Management (PRISM) - An operational system for rice monitoring to support decision making towards increased rice production in the Philippines completion year - IRRI Component	Multiple	IRRI	Completed	Rice
2017	Rice	Accelerating the Development and Adoption of Next-Generation (Next-Gen) Rice Varieties for the Major Ecosystems in the Philippines -2017-2018 - IRRI Component	4A	IRRI	Completed	Rice
2017	Rice	Conserving and Increasing Productivity and Value of Heirloom Rice in the Cordillera -IRRI Component	CAR	IRRI	Ongoing	Rice
2017	Rice	Conserving and Increasing Productivity and Value of Heirloom Rice in the Cordillera -PhilRice Component	CAR	PhilRice	Completed	Rice

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2017	Rice	Conserving and Increasing Productivity and Value of Heirloom Rice in the Cordillera -DA CAR Component	CAR	DA-RFO CAR	Completed	Rice
2017	Rice	Evaluation and Adaptation of Rice Integrated Crop Management Technologies to Enhance Yield and Reduce Input Costs in Irrigated Lowland - 2017-2019	Multiple	PhilRice	Completed	Rice
2017	Rice	The 5th Round of the Regular Monitoring of Rice-Based Farm Households in the Philippines 2017-2018	Multiple	PhilRice	Completed	Rice
2017	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region IV-A (CALABARZON) Through GIS-Based Water Resources Assessment	4A	UPLB	Completed	
2017	Rice	Assessing the Production and Marketing of Philippine Specialty Rice - 2017-2018- IRRI Component	Multiple	IRRI	Completed	Rice
2017	Rice	Development of a Satellite-based Modular Mapping and Assessment Program for Rice Production for the Philippines a.k.a. MAPalay	Multiple	UP Diliman	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2017	Rice	Field Assessment of Actinomycete Inoculant for Enhancing the Growth and Yield of Rainfed Lowland and Upland Rice 2017-2018	Multiple	PhilRice	Completed	Rice
2017	Rice	Automated text messaging for rice farmers: Identify cost-effective options for large-scale deployment through Rice Crop manager	6	IRRI	Completed	Rice
2017	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region X (Northern Mindanao) Through GIS-Based Water Resources Assessment	10	Central Mindano University (CMU)	Completed	
2017	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region XIII (Caraga) Through GIS-Based Water Resources Assessment	13	Cagayan State University (CSU)	Completed	
2017	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region VII (Central Visayas) Through GIS-Based Water Resources Assessment	7	BISU	Completed	
2017	Organic Agriculture	Protocol for Pollinator Diversity Assessment and Valuation of	4A	UPLBFI	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Pollination Services in an Organic Farming System				
2017	Organic Agriculture	Validation and Verification of Methods for Mineral Constituents and Heavy Metal Contaminants in Organic Fertilizers	4A	UPLBFI	Completed	Organic Fertilizer
2017	Organic Agriculture	Protocol for Pollinator Diversity Assessment and Valuation of Pollination Services in an Organic Farming System	4A	University of the Philippines Los Baños (UPLB), CAFS	Completed	
2017	Organic Agriculture	Validation and Verification of Methods for Mineral Constituents and Heavy Metal Contaminants in Organic Fertilizers	4A	University of the Philippines Los Baños (UPLB), CEAT	Ongoing	Organic Fertilizer
2017	Organic Agriculture	Isolation and Utilization of Antibiotic Degrading Microorganism (ADM) in the production of organic fertilizer	3	Central Luzon State University (CLSU)	Ongoing	Organic Fertilizer
2017	Organic Agriculture	Development of Package of Technology for Sustainable Organic Sweet Potato Production in Central Luzon	3	Central Luzon State University (CLSU)	Completed	Sweet Potato
2017	CPAR	CPAR on Improvement of Cropping Pattern and Enterprise Development in Banana-Based	2	DA-RFO 2	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Areas through SALT (SCoPSA) of Brgy. Calaoagan and Progreso, San Guillermo, Isabela				
2017	CPAR	CPAR on Off-season GAP-based Pinakbet Vegetable Production in Support to the Food Trading Business in Roxas, Isabela	2	DA-RFO 2	Ongoing	Vegetables
2017	CPAR	CPAR on Water Management of Rice-based Cropping System in Lucban SWIP in Barangay Lucban, Benito Soliven, Isabela	2	DA-RFO 2	Ongoing	Rice
2017	CPAR	CPAR on Corn-based Farming Systems in Brgys. Bauan West and Dassun, Solana, Cagayan	2	DA-RFO 2	Ongoing	Corn
2017	CPAR	CPAR on rice+gabi+sili farming systems in Camalig, Albay	5	DA-RFO 5	Ongoing	Rice, Gab, Sili
2017	CPAR	CPAR on Integrated Crop-Livestock Production in Lowland Rainfed Rice Growing Areas in Brgy. Napilihan and Calangcawan Sur, Vinzons, Camarines Norte	5	DA-RFO 5	Ongoing	
2017	CPAR	Community-Based Participatory Action Research (CPAR) on Coconut-based Farming System in	11	DA-RFO 11	Ongoing	Coconut

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Brgy. Kanapolo and Brgy. New Opon, Magsaysay, Davao del Sur				
2017	CPAR	CPAR on Coconut based Farming System in Brgy. Libudon and Brgy. Sanghay, City of Mati, Davao Oriental	11	DA-RFO 11	Ongoing	Coconut
2017	CPAR	CPAR on Corn-based (Corn+vegetables+livestock) Integrated Farming System in Datu Odin Sinsuat, Maguindanao	BARMM	DAF - ARMMIARC	Ongoing	Corn
2017	CPAR	CPAR on Integrated Rice Production System (Organic Rice+Native Chicken) in Mamasapano, Maguindanao	BARMM	DAF - ARMMIARC	Ongoing	Rice
2017	CPAR	CPAR on Rice-based Integrated Farming System in Datu Paglas, Maguindanao	BARMM	DAF - ARMMIARC	Ongoing	Rice
2017	Climate Change	Climate-Resilient Agri-Fisheries (CRA) Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative (AMIA) in CAR and MIMAROPA	Multiple	UPLBFI	Completed	
2017	Climate Change	Developing Mechanisms for Facilitating CRA Knowledge-Sharing and Piloting of an	Multiple	UPLBFI	Completed	



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Integrated Strategy for Capacity Strengthening and Partnerships for Adaptation and Mitigation in Agriculture (AMIA) Phase 2				
2017	Climate Change	Policy Study towards the Institutionalization of the Climate Change Information System Agri-Fishery High-Risk Communities: Documentation and Assessment of Current Efforts	Multiple	UPLBFI	Completed	
2017	Climate Change	Mitigating Greenhouse Gases in Livestock (Cattle) Through Different Feeding Formula, Method and Practices for Efficient Cattle Production	13	Caraga State University (CarSU)	Completed	Cattle
2017	Climate Change	Climate-Resilient Agri-fisheries (CRA) assessment, targeting & prioritization for the Adaptation and Mitigation Initiative (AMIA) in ARMM and Region 9	Multiple	Mindanao State University (MSU)	Completed	
2017	Climate Change	Climate-Resilient Agri-fisheries (CRA), Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative (AMIA) in Samar Province Region VIII	8	Visayas State University (VSU)	Completed	

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2017	Climate Change	Climate-Resilient Agri-fisheries (CRA), Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative (AMIA) Phase 2 in Cebu Province (Central Visayas Region)	7	Visayas State University (VSU)	Completed	
2017	Climate Change	Climate-Resilient Agri-fisheries (CRA), Assessment, Targeting & Prioritization for the Adaptation and Mitigation Initiative (AMIA) in Caraga Region	13	Cagayan State University (CSU)	Completed	
2017	Climate Change	Climate-Risk Vulnerability Assessment (CRVA) to Support Region-Level Targeting and Planning for the Adaptation and Mitigation Initiative in Agriculture (AMIA): EXPANSION PHASE	Multiple	CIAT	Completed	
2017	Climate Change	Developing a Decision-Support Platform for Climate-Resilient Agri-Fisheries (CRA) Investment Prioritization in the Philippines: EXPANSION PHASE	Multiple	CIAT	Completed	
2017	Climate Change	Systematizing Outcome Evidence for Climate-Resilient Agrifisheries	Multiple	CIAT	Completed	

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		(CRA) Communities, Services and Institutions				
2017	Climate Change	Assessment of Climate Change Research and Development Program and Support to its related Activities	Nationwide	CELPA, Inc.	Completed	
2017	CPAR	CPAR on Lowland Vegetable Based Integrated Farming System in the Municipality of Enrique Villanueva, Province of Siquijor	7	DA RFO 7 Research Division-Siquijor R&D Center	Ongoing	Lowland Vegetables
2017	CPAR	CPAR on Rice-based Farming System in the Municipality of Ubay, Province of Bohol	7	DA RFO 7 Research Division/Bohol Experiment Station	Ongoing	Rice
2018	AFMA	Biochemical Characterization and Phytochemical Profiling of Underutilized Root and Tuber Crops for Increased Utilization and Product Development Options	8	Visayas State University (VSU)	Completed	Rootcrop/Tubers
2018	AFMA	Assessment on the Market Potential of Nipa and Nipa-based Products in Selected Areas in the Philippines	11	FREEDOM, Inc.	Ongoing	Nipa

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	AFMA	Utilization of Epididymal Sperm of Slaughtered Livestock for Basic Research Using Assisted Reproductive Techniques (ART's)	3	Philippine Carabao Center (PCC)	Ongoing	Livestock
2018	AFMA	Utilization of Velvet Bean ( <i>Mucuna pruriens</i> ) as Feedstuff on the Aquaculture Performance of Red Tilapia	3	Pampanga State Agricultural University (PSAU)	Ongoing	Red Tilapia
2018	AFMA	Comparative Analysis of Jute Production and Marketing in Region 5 Relative to Other Major Jute Producing Areas	5	DA-RFO 5	Ongoing	Jute
2018	AFMA	Development of a Cost-effective and Sustainable Abaca Fiber Production in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Abaca
2018	AFMA	Development of a Strategic Approach to Identifying and Combatting Porcine Reproductive and Respiratory Syndrome Virus Outbreaks and Other Porcine Viral Disease in the Philippines	3	Central Luzon State University (CLSU)	Ongoing	swine
2018	AFMA	Utilization of Soybean ( <i>Glycine max</i> L.) to enhance Growth, Health and Estrus among Native Pigs in Pampanga	3	Pampanga State Agricultural University (PSAU)	Ongoing	Native Pigs

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	AFMA	Baseline Survey on the Presence of Pesticides in the Drinking Water Supplies in Selected Areas of Region XI and XII	12	Don Bosco Foundation for Sustainable Development, Inc.	Ongoing	Food Safety
2018	AFMA	Rapid Diagnostics and Control Strategies for Enteric Bacterial Pathogens in Backyard Poultry Production in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Poultry
2018	AFMA	Assessment of the Build Up and Bioaccumulations of Heavy Metals, and Mitigation Measures against their Effects on Paddy Soils and Rice Plants	3	PhilRice	Ongoing	Rice
2018	AFMA	Enhanced Soil Quality and Yield of Cacao and Coffee in Acidic Agroforest Ecosystems in Laguna and Batangas through Amendments with Biochar, Microbial Biofertilizer and Vermicompost	4A	UPLB	Completed	Cacao, Coffee
2018	HVCDP	Effects of Zn, Fe, Cu, and B Biofortification on the Yield, Crop Quality and Anthocyanin Contents of Purple Sweetpotato	8	Visayas State University (VSU)	Completed	Sweetpotato

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	HVCDP	Enhancing Cultural Management Practices in Reducing the Infestation and Damage of Onion Armyworm, <i>Spodoptera exigua</i> (Hubner) (Noctuidae, Lepidoptera)	3	Central Luzon State University (CLSU)	Completed	Onion
2018	HVCDP	Adoption of Technology on Somatic Embryogenesis for Rapid Production of Planting Materials in Cacao	4A	UPLBFI	Completed	Cacao
2018	HVCDP	Phenotypic and Genotypic Analysis of <i>Coffea canephora</i> (Robusta) using Morphological and Molecular Markers	12	University of Southern Mindanao (USM)	Completed	Coffee
2018	HVCDP	Diversity, Polyclonal Antisera Production and Optimization of Serological and Molecular Detection Protocols for Indexing of Economically Important Viruses in the Country	4A	UPLBFI	Completed	Abaca, Onion, Leek, Shallot, Garlic, Papaya
2018	HVCDP	Quick Response, Surveillance, Monitoring and Management of New and Emerging Pests of Major Crops in the Philippines	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	Onion, Rice, Coconut

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	HVCDP	Maintaining the Quality and Safety of Fresh-Cut (Minimally Processed) Vegetables through Appropriate Preparation, Pre-Treatment Procedures and Packaging	4A	UPLB	Completed	Lettuce, Cucumber, Leafy (saluyot, malunggay, pako, alugbati), Celery, Yam bean, Eggplant, Okra, Bittergourd, Hagimit, Himbabao, Sayote, Tomato
2018	HVCDP	Dietary Risk Assessment of Farmer Practice in Ampalaya ( <i>Momordica charantia</i> L.) Dipped in Insecticides	4A	UPLB	Ongoing	Ampalaya
2018	HVCDP	Multi-Location Adaptability Trial of Registered Garlic Varieties and Other Cultivars in Region 1	1	DA-RFO 1	Completed	Garlic
2018	HVCDP	Multi-Location Adaptability Trial of Registered Garlic Varieties and Other Cultivars in Region 1, 2 and CAR	1	Mariano Marcos State University (MMSU)	Completed	Garlic
2018	HVCDP	Multi-Location Adaptability Trial of Registered Garlic Varieties and Other Cultivars in Region 3, 5 and 6	4A	Bureau of Plant Industry -Los Banos National	Completed	Garlic

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Crop Research Development and Production Support Center (BPI-LBNCRDPSC)		
2018	HVCDP	Development of Waterlogging Tolerant Population of Tomato	4A	UPLB	Completed	Tomato
2018	HVCDP	Development of Okra Varieties for the Local and Export Market	4A	UPLB	Completed	Okra
2018	RFDG	Establishment of Cacao Processing Center at Cagayan Valley	2	Isabela State University (ISU)	Completed	(Research Facility)
2018	RFDG	Establishment of Artificial Insemination Center for Dairy in Cagayan Valley	2	Isabela State University (ISU)	Completed	(Research Facility)
2018	RFDG	Establishment of Biotechnology Laboratory: Immunology and Molecular Service Facility	NCR	Philippine Fiber Industry Development Authority (PhilFIDA)	Completed	(Research Facility)
2018	RFDG	Establishment of Davao Commercial Agriculture Research Station (DaCARS) Research and Development Center	11	DA-RFO 11	Completed	(Research Facility)



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	RFDG	Establishment of a Modern Academic Research Greenhouse for the Institute of Crop Science, UPLB	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	(Research Facility)
2018	RFDG	Establishment of Mushroom Production Facility at Davao Region Central Experiment Station (DaRCES)	11	DA-RFO 11	Completed	(Research Facility)
2018	RFDG	Establishment of Multi - Purpose Facility in Support to Climate Change R & D in Cagayan Valley Region	2	Isabela State University (ISU)	Completed	(Research Facility)
2018	RFDG	Establishment of Research and Development Multi-purpose Facility of MSU-Maguindanao	BARMM	Mindanao State University (MSU)	Completed	(Research Facility)
2018	RFDG	Establishment of Animal Disease Diagnostics and Research Facility	3	Pampanga State Agricultural University (PSAU)	Completed	(Research Facility)
2018	RFDG	Establishment of Multi-Purpose R&D Facility in Bicol University Gubat Campus	5	Bicol University (BU)	Completed	(Research Facility)
2018	RFDG	Establishment of Organic Agriculture R&D Facility	3	Bataan Peninsula State	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				University (BPSU)		
2018	RFDG	Establishment of Plant Genetic Resource Center in Davao Region	11	DA-RFO 11	Completed	(Research Facility)
2018	RFDG	Establishment of Multi-Purpose R&D Facility in CALABARZON	4A	DA-RFO 4A	Completed	(Research Facility)
2018	RFDG	Establishment of Plant Genetic Resources Center in Caraga Region	13	DA-RFO CARAGA	Completed	(Research Facility)
2018	RFDG	Establishment of Rapid Production Facility for Organic Bio-Fertilizer	1	DA-RFO 1	Completed	(Research Facility)
2018	RFDG	Establishment of Aquaculture & Aquatic Resources in Brackishwater Systems Facility at BPSU-Orani Campus	3	Bataan Peninsula State University (BPSU)	Completed	(Research Facility)
2018	RFDG	Establishment of Crops Research & Development Center at PREC. Sta. Barbara, Pangasinan: Sensory Evaluation Laboratory and Seed Processing Center	1	DA-RFO 1	Completed	(Research Facility)
2018	Corn	Utilization of cassava (Manihot esculenta crantz) in Sourdough fermentation by linamarase - producing lactic acid bacteria and yeast from existing collection of cultures"	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	Corn	Improvement of Philippine Corn genetic resources and data management system"	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn
2018	Corn	Hydrolysis of cassava (manihotesculentaCrantz) into natural sweeteners by microbial enzymes"	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2018	Corn	Evaluation and identification of native corn germplasm resistant to important corn diseases"	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn
2018	Corn	heterotic assessment of selected maize germplasm for cultivar development"	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn
2018	Corn	Yield, Quality and shelf Life Evaluation of the Different Recommended Cassava Varieties Grown at Different Agro-ecological zones	8	Visayas State University (VSU)	Completed	Cassava
2018	Corn	Evaluation of new accessions and improved breeding populations of native corn for resistance to Asian corn borer, Ostrinia furnacalis (Guenee), corn weevil, sitophilus zeamis (Motchulsky) and corn	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		planthopper, stenocranus pacifus kirkaldy				
2018	Corn	Formation of novel populations from Philippine Native corn varieties"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2018	Corn	Evaluation and adaptability trial of phytoplasma-resistant cassava varieties in Regions 2,3,7,8 and 10"	8	Visayas State University (VSU)	Completed	Cassava
2018	Corn	Cyanide analysis and shelf life studies of selected cassava varieties at different maturity stages (CyAnSS of cassava)	8	University of the Philippines Visayas (UPV)	Completed	Cassava
2018	Corn	Optimizing SSNM for closing yield gap in Philippine Cassava production through farmer's participatory evaluation	4A	University of the Philippines Los Baños (UPLB)	Completed	Cassava
2018	Corn	Chemical profiling of selected Philippine Maize germplasm for cultivar development"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2018	Corn	Development, selection and characterization of new abiotic stress tolerant corn inbreds"	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn
2018	Corn	Technical and system improvement of portable extruders for rootcrop products"	8	Visayas State University (VSU)	Ongoing	Cassava

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	Corn	Development of early warning system and database management of corn arthropods pests and diseases in Cordillera Administrative Region"	CAR	DA-RFO CAR	Ongoing	Corn
2018	Corn	Development of biofertilizer based bio control for cassava (Manihot esculenta phytoplasma disease (CPD))"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Cassava
2018	Corn	Technology Utilization and Promotion of selected newly Developed Products from Cassava and other Rootcrops	8	Visayas State University (VSU)	Ongoing	Cassava
2018	Corn	Corn Grits Processing Enterprise Showcasing PhilMech Corn Mill Technologies	3	PHILMECH	Ongoing	Corn
2018	Corn	Supply and Demand Analysis for white corn in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2018	Biotechnology	Enhancement of Biotech Regulator's Capabilities in Regulation and Safety Assessment of Traditional GMOs and Incur Knowledge on New Plant Breed	NCR	Bureau of Plant Industry (BPI)	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Technique Concepts and Applications				
2018	Biotechnology	Strengthening Capacities in Biotechnology R&D, Regulations and Management for Agricultural Biotechnology Advancement	4A	International Service for the Acquisition of Agri-biotech Applications (ISAAA)	Completed	
2018	Biotechnology	Strengthening and Maximizing the Research Capability of the Livestock Biotechnology Center as Lead Coordinator of the Value Chain Based Livestock Biotechnology Research, Development and Extension Agenda	3	Philippine Carabao Center (PCC)	Completed	Livestock
2018	Biotechnology	Validation of Protocols Using SSR Markers for Variety Identification of NSIC Registered 'Carabao' Mango and Citrus Varieties	4A	UPLBFI	Ongoing	Mango Citrus
2018	Biotechnology	Development of cryopreservation prototypes as biotechnological interventions for the conservation of genetic diversity of the	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Livestock and Poultry

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Philippine native pigs, chicken, and ducks				
2018	Biotechnology	Philippines' Pilot Surveillance on the Extent of Antimicrobial Resistance in Commensal and Enteric Zoonotic Bacteria Isolated from Livestock and the Farm Environment	4A	UPLBFI	Ongoing	Livestock and Poultry
2018	Biotechnology	Molecular Characterization of Phytophthora Spp. Causing Cacao (Theobroma Cacao) Pod Rot: Its Incidence, Distribution and Impact on Cacao Growth, Development and Bean Yield Losses in Cagayan Province	2	Cagayan State University (CSU)	Ongoing	Cacao
2018	Biotechnology	RNAi-based Oral Vaccination for Innate Immune Stimulation of Tilapia from Tilapia Lake Virus	4A	University of the Philippines Los Baños (UPLB)	Completed	Tilapia
2018	Biotechnology	Varietal Identification and Genetic Improvement for Climate-Change and Adaptability and Virus Resistance via Abaca Functional Genomics	NCR	Philippine Fiber Industry Development Authority (PhilFIDA)	Ongoing	Abaca

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2018	Biotechnology	Gene Association Studies Related to Fatty Acid Composition and Fat Content of Pork, Milk (Buffalo, Cattle, and Goat), and Duck Eggs from Native and Commercial Breeds	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Buffalo, Cattle, Goat, and Duck
2018	Biotechnology	Using Genomics to Trace Salmonella Transmission and Antimicrobial Resistance (AMR) in the Poultry and Swine Food Chains in Metropolitan, Manila, Philippines	NCR	UP Diliman	Ongoing	Chicken and Pig
2018	Biotechnology	Development of a Sensor for the On-site Detection of Salbutamol in Pig Carcass, Entrails and Pig Samples	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Pig
2018	Biotechnology	Genetic stock assessment of commercially valuable scallops in the Visayas Region: Species Identification and Population genomics for Stock Delineation	NCR 5 6 7	UP Diliman	Ongoing	Scallops
2018	Biotechnology	Development of a Colletotrichum Gloeosporioides PCR and Serological-Based Detection Kit for the Early Detection of Mango	4A	National Institute of Molecular Biology and	Ongoing	Mango



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Anthracnose Revised to: Development of a Colletotrichum Gloeosporioides PCR-Based Detection Kit for the Early Detection of Mango Anthracnose		Biotechnology (BIOTECH)		
2018	Biotechnology	Low-cost Portable Molecular Diagnostic Platform for Rapid Detection of Select Poultry Pathogens (LMDP) in Bicol, CALABARZON, MIMAROPA Regions of the Philippines	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Chicken
2018	Biotechnology	Low-cost Portable Molecular Diagnostic Platform for Rapid Detection of Select Poultry Pathogens (LMDP) in Northern and Central Luzon and Southern Mindanao Regions of the Philippines	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Chicken
2018	Biotechnology	Low-cost Portable Molecular Diagnostic Platform for Rapid Detection of Select Poultry Pathogens (LMDP) in Eastern, Central and Western Visayas, and Northern and Central Mindanao Regions of the Philippines	8	University of Eastern Philippines (UEP)	Ongoing	Chicken

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	Adlay	Adlay Intercropped with Leguminous Crops under Mine-affected Communities in Region 13	13	DA-RFO 13	Completed	Adlay
2018	Adlay	Development of adlay as staple food crop and for health and wellness	11	DA-RFO 11	Ongoing	Adlay
2018	Adlay	Enhancement of Adlay (Coix lacryma-jobi) Productivity and Profitability under Cashew Crops in Region 4B (with report and AFR)	4B	DA-RFO 4B MIMAROPA	Ongoing	Adlay
2018	Adlay	Adlay (coix lacryma-jobi) as Staple Food Crop and for Health and Wellness in ARMM	BARMM	DAF - ARMMIARC	Ongoing	Adlay
2018	Adlay	Enhancement of adlay production through intercropping of leguminous crops in Quezon and Batangas	4A	DA-RFO 4A	Ongoing	Adlay
2018	Rice	Optimized Utilization of Agricultural Biomass for the Production of Pleurotus, Volvariella, and Calocybe Mushrooms	3	PhilRice	Completed	Mushroom
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Province of Romblon and	4B	Romblon State University (RSU)	Completed	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Marinduque through GIS-Based Water Resources Assessment				
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Eastern Visayas (Region 8) through GIS-Based Water Resources Assessment	8	Visayas State University (VSU)	Ongoing	
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Western Visayas (Region 6) through GIS-Based Water Resources Assessment	6	Aklan State University (ASU)	Completed	
2018	Rice	Development of Sustainable Rice Straw Management Practices and Technologies for Ruminant Fodder in the Philippines (RiceStrawPH) - PCC Component	Multiple	Philippine Carabao Center (PCC)	Completed	Rice
2018	Rice	Development of Sustainable Straw Management Practices and Technologies for Food (Rice Straw based Mushroom Production) and Bioenergy in the Philippines (RiceStrawPH) - PhilRice Component	Multiple	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2018	Rice	Development of Sustainable Rice Straw Management Practices and Technologies for Bioenergy, Food and Feed in the Philippines	Multiple	IRRI	Completed	Rice
2018	Rice	Assessing the Production and Marketing of Philippine Specialty Rice 2018-2019 PhilRice Component	3	PhilRice	Completed	Rice
2018	Rice	Improving Brown Rice Quality, Shelf-life, and Engineering Technologies	3	PhilRice	Completed	Rice
2018	Rice	Optimizing Yielding Ability of Hybrids and Parents through Growing Environment-Specific Adaptation and Crop Management for Enhanced Productivity in Rice	3 13 12 2 5 1	PhilRice	Completed	Rice
2018	Rice	Pest Risk Identification and Management 2018 (PRIME) Year 2 - IRRI Component	Multiple	IRRI	Completed	Rice
2018	Rice	Pest Risk Identification and Management 2018 (PRIME) - BPI Component (July-December 2018)	NCR	Bureau of Plant Industry (BPI)	Completed	Rice
2018	Rice	Evaluation and Comparison of Different Lignocellulosic Sugarcane Wastes and by-products as	6	DA-RFO 6	Ongoing	Mushroom

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Substrates for Optimum Production of Different Strains of Oyster Mushroom Under Negros Island Condition				
2018	Rice	Strengthening the Implementation of Rice Crop Manager Dissemination, Monitoring, Geo-Referencing, and Evaluation in Negros Occidental	6	DA-RFO 6	Completed	Rice
2018	Rice	Accelerating the Development and Adoption of Next-Generation Rice Varieties for the Major Ecosystem in the Negros Occidental through Participatory Varietal Selection	6	DA-RFO 6	Completed	Rice
2018	Rice	The National Rice Cooperative Testing Project (2018 WS-2019 DS)	3	PhilRice	Ongoing	Rice
2018	Rice	Developing Drought Tolerance of Special Quality Rice through Gamma Irradiation to Improve Profitability of Rainfed Lowland Ecosystem	3	Central Luzon State University (CLSU)	Ongoing	Rice
2018	Rice	Documentation and Assessment of the Central Luzon Region's Rice Seed Information System (RSIS): Bridging the Gap towards an	3	PhilRice	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Improved, Sustainable, and Responsive Seed Information System				
2018	Rice	Market Segmentation for Brown Rice: The Case of Metro Manila	4A	PhilRice Los Baños	Completed	Rice
2018	Rice	Utilization of Entomophagous for the Management of Re-emerging Insect Pests of Rice, Brown Plant Hopper <i>Nilaparvata lugens</i> Stal, White Backed Planthopper, <i>Sogatella furcifera</i> Horvath (Delphacidae: Hemiptera) and Yellow Stemborer, <i>Scirpophaga incertulas</i> Walker (Pyralidae: Lepidoptera)	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Rice
2018	Rice	Comparison of Soil Microbial Diversity of Rice Farming Systems under Specific Cultivation Stages in Different Production Areas in the Philippines and the Isolation, Identification and Preservation of Beneficial Microorganisms for Rice Production	4A	UPLB	Completed	Rice
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in the	9	J.H. Cerilles State College (JHCSC)	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Western Mindanao Region (Region IX) through GIS-based Water Resources Assessment				
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in the Mindoro Provinces through GIS-based Water Resources Assessment	4A	UPLB	Ongoing	Rice
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Region III through GIS based Water Resources Assessment - Supplemental Proposal	3	Central Luzon State University (CLSU)	Completed	Rice
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Palawan through GIS based Water Resources Assessment	4B	Western Philippines University (WPU)	Completed	Rice
2018	Rice	Spent Mushroom Substrate (SMS) form Pleurotus sp. And Straw Mushroom Combined with Liquid Organic Plant Supplements as Biocontrol Agent Against Economically Important Soil-Borne Pathogens	NCR	Bureau of Plant Industry (BPI)	Completed	Mushroom

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2018	Rice	Rice-Based Spent Mushroom Substrate (SMS) Combined with Liquid Organic Plant Supplements as Soil Conditioner	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Completed	Rice
2018	Rice	Identifying Suitable Sites for Small Scale Irrigation Projects in Selected Areas in Bangsamoro Autonomous Region of Muslim Mindanao (ARMM) through GIS-based Water Resources Assessment	BARMM	Southern Philippines Agri-Business and Marine and Aquatic School of Technology (SPAMAST)	Completed	Rice
2018	Rice	Assessment of the Build-up and Bioaccumulation of Heavy Metals, and Mitigation Measures against their Effects on Paddy Soils and Rice Plants	3	PhilRice	Ongoing	Rice
2018	Rice	Assessment of the Level of Mechanization of the Rice and Corn Production and Postproduction Systems in Region IV	Multiple	UPLB	Ongoing	Rice
2018	Rice	Baseline Survey on the Presence of Pesticides in the Drinking Water Supplies in Selected Areas of Regions XI and XII	NCR	Don Bosco Foundation for Sustainable Development, Inc.	Completed	Rice



<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2018	Rice	Improving Crop Productivity in Drought Prone Rainfed Lowlands in the Philippines with Mechanized Direct Seeding Technology (MP Seeder Project) - Supplemental Phase	3	PhilRice	Completed	Rice
2018	Organic Agriculture	Production and Market Systems of Organic Agricultural Inputs in Major Organic Rice and Vegetable Producing Provinces in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Completed	Rice Vegetables
2018	Organic Agriculture	Agri-active Natural Products from Philippine Actinomycetes	4A	University of the Philippines Los Baños (UPLB)	Ongoing	
2018	Organic Agriculture	Assuring Quality, Safety and Nutritional Benefits from Organically Grown Fruits and Vegetables Through Postharvest Systems Improvement	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Fruits Vegetables
2018	Organic Agriculture	Standardization, Reformulation and Utilization of Organic Fertilizer in the Visayas Region	8	Visayas State University (VSU)	Ongoing	Organic Fertilizer
2018	Organic Agriculture	Policy Support to the Organic Chicken and Organic Swine	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Organic Chicken Organic Swine

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Industry in Selected Areas, Philippines				
2018	Organic Agriculture	Production and Utilization of Bio-organic Fertilizers Enhanced with Bio-fertilizers (Bio N and Mykovam) for Organically Grown Crops	4A	University of the Philippines Los Baños	Ongoing	
2018	CPAR	CPAR on GAP-based Lowland Vegetable Production in Brgys Bagahabag and Curifang, Solano, Nueva Vizcaya	2	DA-RFO 2	Ongoing	Vegetables
2018	CPAR	CPAR on Alternative Cropping System in the Corn-based Areas of San Isidro and Sto. Domingo, Luna, Isabela	2	DA-RFO 2	Ongoing	Corn
2018	CPAR	CPAR on Onion Farming Management in Bongabon, Nueva Ecija	3	DA-RFO 3	Ongoing	Onion
2018	CPAR	CPAR on Upland Vegetable Mushroom Farming System in the Bugkalot and Kalaguya Indigenous People in Nueva Ecija	3	DA-RFO 3	Ongoing	Vegetables
2018	CPAR	CPAR on Integrated Rice Based (Rice-Corn+vegetable+livestock) farming system in the rainfed areas	3	DA-RFO 3	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		of barangay Sinense and Suaverdez, Anao Tarlac				
2018	CPAR	CPAR on White Corn+Peanut in Magdalena, Laguna	4A	DA RFO IVA	Ongoing	Corn
2018	CPAR	CPAR on Good Agricultural Practices (GAP) -based Production Technologies for High Value Vegetables in San Luis, Batangas	4A	DA-RFO 4A	Ongoing	Vegetables
2018	CPAR	CPAR on Rice-Rice-Mungbean Cropping System in Brgy. Ongol Ilaya and Tinaytayan, Dumarao, Capiz	6	DA-RFO 6	Completed	Rice
2018	CPAR	CPAR on Nutrient Expert Approach of Fertilizing Hybrid Corn in Dumalag, Capiz	6	DA-RFO 6	Completed	Corn
2018	CPAR	CPAR on Nutrient Expert Approach of Fertilizing OPV Corn in Banga, Aklan	6	DA-RFO 6	Ongoing	Corn
2018	CPAR	CPAR on Rainfed Lowland Rice-based Integrated Farming Systems in Brgys. Gov. E. Jaro and Bagong Silang Babatngon. Leyte	8	DA-RFO 8	Ongoing	Rice
2018	CPAR	CPAR on Rice Based Farming Systems in the Lowland Areas of	12	DA-RFO 12	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Brgy. Marguez and Numo, Esperanza Sultan Kudarat				
2018	CPAR	CPAR on Corn-Based Farming System Development for Hilly Land Areas in Valencia, Negros Oriental	7	DA RFO 7, Research Division	Ongoing	Corn
2018	CPAR	CPAR on Multi-Storey Cropping System with Native Chicken Integration in the Municipality of Maria, Province of Siquijor	7	DA RFO 7, Research Division	Completed	Native Chicken
2019	AFMA	Performance Evaluation of Red Tilapia ( <i>Oreochromis niloticus</i> x <i>Oreochromis mossambicus</i> strain) in Brackishwater Ponds and Freshwater Cages in Bicol Region	5	BFAR 5	Completed	Red Tilapia
2019	AFMA	Performance Evaluation of Red Tilapia ( <i>Oreochromis niloticus</i> x <i>Oreochromis mossambicus</i> ) in Marine and Freshwater Cages in Ilocos Region	1	BFAR 1	Completed	Red Tilapia
2019	AFMA	Performance Evaluation of Red Tilapia ( <i>Oreochromis niloticus</i> x <i>O. mossambicus</i> strain) in Freshwater and Marine Cages in Central Luzon	3	BFAR 3	Completed	Red Tilapia
2019	AFMA	Performance Evaluation of Red Tilapia ( <i>Oreochromis</i> sp.) in Ponds	CAR	BFAR CAR	Completed	Red Tilapia

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		and Cages in Cordillera Administrative Region				
2019	AFMA	Performance Evaluation of Red Tilapia ( <i>Oreochromis</i> sp.) in Ponds and Cages in Cagayan Region	2	BFAR 2	Completed	Red Tilapia
2019	AFMA	Performance Evaluation of Fermented Teas as Biofertilizer and Biopesticides and their Effects on Pests, Diseases and Yields of Selected Solanaceous Vegetables	12	University of Southern Mindanao (USM)	Completed	Fermented Teas
2019	HVCDP	Safeguarding the Philippine Indigenous Fruits and Nuts at the National Repository through Conservation and Use	4A	UPLB	Completed	Indigenous Fruits and Nuts
2019	HVCDP	Development of Pest Management for the Lanzones Mussel Scale Insect (Hemiptera: Diaspididae)	4A	UPLB	Completed	Lanzones
2019	HVCDP	Enhancing the Productivity of Shallot through the Development of Sustainable Seed System and Promotion of Technologies Aligned to GAP Standards	1	Mariano Marcos State University (MMSU)	Completed	Shallot
2019	HVCDP	Surveillance and Detection of Microbe Utilizing Molecular Techniques and Associated Thrips	2	Cagayan State University (CSU)	Completed	Garlic, Onion and Mango

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Vector on Onion, Garlic, and Mango in Luzon				
2019	HVCDP	Production of Natural Phenolics from Mango Leaves, Flowers, Barks and Damaged Fruits	4A	UPLB	Completed	Mango
2019	HVCDP	Etiology and Epidemiology of Dragonfruit Diseases in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Completed	Dragonfruit
2019	HVCDP	Unlocking the Potential Use of Different Banana and Abaca Cultivars in the Philippines and Maximizing its Utilization through Collection, Characterization and Conservation at the National Repository	4A	University of the Philippines Los Baños (UPLB)	Completed	Abaca
2019	HVCDP	Morphology, Ex Situ Conservation and Physicochemical Evaluation of Mindanao Indigenous Vascular Plants as Alternative Food Source	10	Central Mindano University (CMU)	Completed	Indigenous Plants
2019	HVCDP	Genebanking Establishment, Conservation and Evaluation of Native and Indigenous Fruit Trees	3	Pampanga State Agricultural University (PSAU)	Ongoing	Native and Indigenous Fruit Trees
2019	HVCDP	Microbial Source Tracking (MST) of Fecal Indicator Bacteria Eschericia	NCR	UP Diliman	Ongoing	Lettuce, Carrot, Strawberry,

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		coli Isolated from Fresh Produce in Luzon, Philippines				Cabbage, Cucumber, Tomato, Radish, Spring Onions, Upland Kangkong
2019	HVCDP	Development of High Energy Density (HED) -Fermented Complementary Food using Lesser Yam (Tugi) and Sweet Potato (Kamote)	4A	UPLB	Completed	Lesser Yam (Tugi) and Sweet Potato
2019	HVCDP	Biomass Production and Decomposition of Different Cover Crop Residues under Rubber Plantation in Zamboanga Peninsula	9	DA-RFO 9	Ongoing	Rubber
2019	HVCDP	Enhancement and Commercialization of Developed Mungbean Based Food Products in Region 2	2	DA-RFO 2	Completed	mungbean
2019	RFDG	Upgrading of Microbial Insecticides Laboratory	4A	University of the Philippines at Los Baños (UPLB)	Completed	(Research Facility)
2019	RFDG	Establishment of DA-MIMAROPA Research Division Multipurpose	4B	DA-RFO 4B MIMAROPA	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		R&D Facility at Barcenaga Naujan Oriental Mindoro				
2019	RFDG	Establishment of RDE Facility of LGU - City of Mati, Davao Oriental	11	CLGU - Mati	Completed	(Research Facility)
2019	RFDG	Establishment of Multi-Purpose R&D Center in JRMSU-Tampilisan Campus	9	Jose Rizal Memorial State University (JRMSU)	Completed	(Research Facility)
2019	RFDG	Establishment of the Davao Region Research, Development and Extension Network (DARRDEN) Center	11	DA-RFO 11	Completed	(Research Facility)
2019	RFDG	Establishment of Geographic Information Support System Center for High Value Commodities and Indigenous Crops in SOCCSKSARGEN	12	University of Southern Mindanao (USM)	Completed	(Research Facility)
2019	RFDG	Completion and Upgrading of BPI-La Granja's Main R & D Facility	6	Bureau of Plant Industry-La Granja (BPI-LGNCRDC)	Completed	(Research Facility)
2019	RFDG	Upgrading of the Laboratory Equipment of Organic Agriculture R&D Laboratory at Visayas State University	8	Visayas State University (VSU)	Completed	(Research Facility)



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2019	Corn	Development of early warning system and database management of corn arthropods pests and diseases in Region 2"	2	DA-RFO 2	Completed	Corn
2019	Corn	Development of early warning system and database management of corn arthropods pests and diseases in the Philippines	NCR	Bureau of Plant Industry (BPI)	Completed	Corn
2019	Corn	Expanded Collection, Evaluation and Improvement of Traditional Corn Varieties in Bicol Region	5	DA-RFO 5	Completed	Corn
2019	Corn	Cassava production, gender role participation in different agroecosystems in the CALABARZON, MIMAROPA and Bicol Region"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Cassava
2019	Corn	Evaluation of physio chemical and microbiological properties as indicators of soil health and Productivity of Hybrid yellow corn corn farms	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2019	Corn	Development of non chemical management strategies against the Asian corn borer, ostrinia furnacalis (Guenee) and other	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		lepidopterous insect pest in sweetcorn"				
2019	Corn	Development of business plans, promotion and commercial production of the improved portable extruders for puffed chippy products"	8	Visayas State University (VSU)	Ongoing	Cassava
2019	Corn	Development of potash solubilizing inoculant for cassava (Manihot esculenta crantz) and corn (zea mays.)	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Cassava
2019	Corn	Technology Support System for the enhancement of cassava production and processing in Region 9 (TCD)	9	DA-RFO 9	Ongoing	Cassava
2019	Corn	Major aflatoxin and fumonisim - producing fungal pathogens during corn grits production (post harvest to milling) and their control"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2019	Corn	Field validation of nutrient expert cassava -a tool for sustainable yield intensification of cassava in the Philippines"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Cassava
2019	Corn	Development of early warning system and data management of	4B	DA-RFO 4B MIMAROPA	Completed	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		corn arthropod pests and diseases in MIMAROPA Region"				
2019	Corn	Development of early warning system and data management of corn arthropod pests and diseases in CALABARZON"	4A	DA-RFO 4A	Ongoing	Corn
2019	Corn	Development of early warning system and database management of corn arthropod pests and diseases in Central Visayas"	7	DA-RFO 7	Ongoing	Corn
2019	Corn	Surveillance, monitoring and management of corn arthropod pests and diseases in Northern Mindanao"	10	DA-RFO 10	Ongoing	Corn
2019	Corn	Development of early warning system and database management of corn arthropod pest and diseases in Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)"	BARMM	BARM	Ongoing	Corn
2019	Corn	Development of early warning system and database management of corn arthropods pests and disease in Caraga Region	13	DA-RFO CARAGA	Ongoing	Corn

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2019	Corn	Development of Nixtamalized Philippine Corn for food, health and nutrition	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2019	Corn	Development of quantitative model incorporating agronomic and quality traits towards commercialization of traditional corn varieties	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2019	Corn	Development of early warning system and database management of corn arthropod pest and diseases in Zamboanga Peninsula	9	DA-RFO 9	Ongoing	Corn
2019	Corn	Development of early warning system and database management of corn arthropod pest and diseases in Region XII"	12	DA-RFO 12	Ongoing	Corn
2019	Corn	Expanded collection, evaluation and improvement of traditional native corn varieties in Western Visayas	6	DA-RFO 6	Ongoing	Corn
2019	Corn	Development of early warning system and database management of corn arthropod pests and diseases in Western Visayas"	6	DA-RFO 6	Ongoing	Corn

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2019	Corn	National Assessment on the incidence of arthropod pests and disease of cassava as influenced by fertilization and elevation as basis on forecasting Model"	NCR	Bureau of Plant Industry (BPI)	Ongoing	Cassava
2019	Corn	Expanded collection, evaluation and improvement of Philippine Traditional corn varieties in Region 12"	12	DA-RFO 12	Ongoing	Corn
2019	Corn	Market Analysis and Optimization of White Corn Grits Blend with Rice and Adlai in Region 9	9	DA-RFO 9	Ongoing	Corn
2019	Biotechnology	Evaluation of Genetically Modified Crops (GMC) for use as Feeds for Livestock and Poultry	NCR	Bureau of Animal Industry (BAI)	Ongoing	Livestock and Poultry
2019	Biotechnology	BPI-NPQSD-POST Entry Quarantine Station (Station 8) Molecular Biology Laboratory (Plant Pathogen and GMO Detection) Moving Towards ISO/IEC 17025:2017 Accreditation	4A	Bureau of Plant Industry (BPI)	Ongoing	
2019	Biotechnology	Biotechnology Program Scholarship Grant for UPLB Undergraduate Students	4A	UPLBFI	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Specializing in Biotechnology Related Programs				
2019	Biotechnology	DA Biotech Program Scholarship Grant to USM Students Pursuing Agri-Biotechnology and Related Fields	12	University of Southern Mindanao (USM)	Ongoing	
2019	Biotechnology	Development and Strengthening the Capacity of the Fisheries Biotechnology Center in the Establishment of Priority Fisheries Biotechnology R&D Programs	3	National Fisheries Research and Development Institute (NFRDI)	Ongoing	
2019	Biotechnology	The Emergence of GM Corn Unlicensed Seeds: Implications on Socio-Economic and Seed Regulatory System	4A	Society Towards Reinforcing Inherent Viability for Enrichment (SIKAP/STRIVE, Inc.)	Ongoing	Corn
2019	Biotechnology	Development of Loop-Mediated Isothermal Amplification (LAMP)-Lateral Flow Assay (LFA)-Based Kit to Detect Vibrio Infections in Fisheries	NCR	UP Diliman	Ongoing	Milkfish Tilapia

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2019	Biotechnology	Fast-tracking the Development of BBTV-resistant banana cultivars through modern biotech tools: Molecular Profiling towards Marker Development and Diagnostics (Phase I)	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Banana
2019	Biotechnology	Molecular-Based Method for Determining Authenticity of Coffee (Coffea spp) Sold in the Philippine Market	4A	Cavite State University (CvSu)	Ongoing	Coffee
2019	Biotechnology	Loop Mediated Isothermal Amplification (LAMP) for Abaca Viruses: Packaging and Field Validation	NCR	Philippine Fiber Industry Development Authority (PhilFIDA)	Ongoing	Abaca
2019	Biotechnology	Developing a Stable Biopesticide for Various Fall Army Worm Strains Infesting Corn and Onion Updated Title: Developing a Stable Biopesticide for Two Armyworm Species Infesting Corn (Spodoptera frugiperda) and Onion (Spodoptera exigua)	Nationwide	UPLBFI	Ongoing	Corn Onion
2019	Biotechnology	Genomic Profiling and Transcriptomic Analyses of NSIC-	NCR	Philippine Fiber Industry	Ongoing	Abaca

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		registered Abaca Germplasm: Abuab Inosa and Tangonon		Development Authority (PhilFIDA)		
2019	ACEF-RFDG	Upgrading of Bio-Systems Innovation Center of Bicol University-Guinobatan Campus	5	Bicol University (BU)	Ongoing	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Crop and Soil Science Laboratory of Capiz State University	6	Capiz State University (CapSU)	Ongoing	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of the Bio-Analytical Services Facility of Cavite State University towards ISO or Third Party Accreditation	4A	Cavite State University (CvSU)	Ongoing	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Crop Biotechnology and Analytical Laboratory in CLSU	3	Central Luzon State University (CLSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of the Pests and Disease Diagnostic Laboratory for High Value Vegetables and Indigenous Crops in Central Luzon	3	Central Luzon State University (CLSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of the CMU Agricultural Experiment Center (CMU-AEC) Seed Storage Facility	10	Central Mindano University (CMU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Central Experiment Station of ISU-Cabagan Campus	2	Isabela State University (ISU)	Completed	(Resarch Facility)



<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2019	ACEF-RFDG	Upgrading of Soil Analytical Laboratory at Isabela State University-Echague Campus	2	Isabela State University (ISU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of the Mushroom Laboratory and the Production Facility at LSPU-Siniloan Campus	4A	Laguna State Polytechnic University (LSPU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Rehabilitation and upgrading of Food Processing Center to enhance the R&D capability of MSC Gasan Campus	4B	Marinduque State College (MSC)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Mindanao State University-General Santos City Analytical Laboratory for Fish and Other Food Products Towards Accreditation	12	Mindanao State University (MSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Mindanao State University-General Santos City Microbiology Laboratory	12	Mindanao State University (MSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Enhancement of Water Quality and Fish Health Laboratory of MSU-Naawan Campus	10	Mindanao State University (MSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of the Food Processing Facility of Occidental Mindoro State College Towards GMP Compliance	4B	Occidental Mindoro State College (OMSC)	Completed	(Resarch Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2019	ACEF-RFDG	Upgrading of Equipment for Processing Laboratory of President Ramon Magsaysay State University	3	President Ramon Magsaysay State University (PRMSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Milkfish and Tilapia Processing Facility at President Ramon Magsaysay State University-Candelaria Campus	3	President Ramon Magsaysay State University (PRMSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Tissue Culture Facility Towards Efficient Production of High Value Crops	2	Quirino State University (QSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of RSU Seaweed Postharvest and Processing Center at Santa Fe, Romblon	4B	Romblon State University (RSU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading the SPAMAST Seaweed Processing Center	11	Southern Philippines Agri-Business and Marine and Aquatic School of Technology (SPAMAST)	Completed	(Resarch Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2019	ACEF-RFDG	Upgrading of Animal Health Laboratory Facility at Tarlac Agricultural University	3	Tarlac Agricultural University (TAU)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Soils Laboratory of the University of Antique-Hamtic Campus	6	University of Antique (UA) - Hamtic Campus	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading of Geographic Information Center at USM	12	University of Southern Mindanao (USM)	Completed	(Resarch Facility)
2019	ACEF-RFDG	Upgrading the Western Philippines University Food Processing Facility Towards Enhanced Utilization of Indigenous and Underutilized Fruits in Palawan, Philippines	4B	Western Philippines University (WPU)	Completed	(Resarch Facility)
2019	ACEF- Support to Technology Commercialization	Milkfish Processing Technology Refinement towards Upscaling and Commercialization	3	Bataan Peninsula State University (BPSU)	Ongoing	Milkfish
2019	ACEF- Support to Technology Commercialization	Commercialization of Mango Juice Processing Technology	1	Ilocos Sur Polytechnic State College (ISPSC)	Completed	Mango
2019	ACEF- Support to Technology	Adoption and Commercialization of Crop Residue based Total Mixed	2	Isabela State University (ISU)	Completed	Cairy Cattle/Carabao

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
	Commercialization	Ration (TMR) for Dairy Cattle/Carabao in Cagayan Valley				
2019	ACEF- Support to Technology Commercialization	Upscaling of Clean Planting Material (SP-CPM) Propagation for Sustainable Sweet Potato Production	3	Tarlac Agricultural University (TAU)	Completed	Mango
2019	ACEF- Support to Technology Commercialization	Commercial Production of Stingless Bee with an Indigenous Community in Mindoro	4A	University of the Philippines Los Baños (UPLB)	Completed	Bee
2019	ACEF- Support to Technology Commercialization	Upscaling of Processed Palawan Mango ( <i>Mangifera indica</i> ) Products towards Enterprise Development	4B	Western Philippines University (WPU)	Completed	Sweet Potato
2019	Rice	Pest Risk Identification and Management (PRIME) - 2019 IRRI Component	4A	IRRI	Completed	Rice
2019	Rice	Pest Risk Identification and Management (PRIME) - 2019 PhilRice Component	3	PhilRice	Completed	Rice
2019	Rice	Efficient deployment systems for NextGen varieties enhanced genetically through modern breeding technologies contributing to increased productivity in the	3	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Philippines (NextGen PLUS) 2019 PhilRice Component				
2019	Rice	Efficient deployment systems for NextGen varieties enhanced genetically through modern breeding technologies contributing to increased productivity in the Philippines (NextGen PLUS) 2019 IRRI Component	4A	IRRI	Completed	Rice
2019	Rice	Water-Efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WateRice) – 2019 PhilRice Component	Multiple	PhilRice	Completed	Rice
2019	Rice	Water-Efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WateRice) – 2019 IRRI Component	4A	IRRI	Completed	Rice
2019	Rice	Rice Crop Manager Philippines Phase III: Transition to Operational Sustainability for Research and Dissemination from IRRI to DA - 2019 PhilRice Component	3	PhilRice	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2019	Rice	Rice Crop Manager Philippines Phase III: Transition to Operational Sustainability for Research and Dissemination from IRRI to DA - 2019 IRRI Component	4A	IRRI	Completed	Rice
2019	Rice	Mechanisms of Rice Insect Pest and Disease Resistance in Traditional Rice Varieties and Development of Genetic Stocks with Novel Sources of Resistance Genes (2019-2020)	3	PhilRice	Completed	Rice
2019	Rice	Development of Package of Technologies for Drip-Irrigated Aerobic Rice	3	PhilRice	Completed	Rice
2019	Rice	Assessing the Production and Marketing of Philippine Specialty Rice 2019 (IRRI Component) – Completion Year	Multiple	IRRI	Completed	Rice
2019	Rice	Performance Evaluation of Black Rice at Different Rates of Vermicompost Fertilizer under B. E. Dujali, Davao del Norte Conditions	11	DA-RFO 11	Ongoing	Rice
2019	Rice	Mechanized Seeding Technology – Improving Crop Productivity and Increasing Income in Rice based	Multiple	UPLB	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Rainfed and Water Scarce Environments in the Philippines (MP Seeder) – 2019 UPLB Component				
2019	Rice	Identification of Special Purpose Rice Adapted under Rainfed Lowland Ecosystem and Mitigation of Drought Stress using Plant Growth Regulator	3	Central Luzon State University (CLSU)	Completed	Rice
2019	Rice	Rice-Based Farm Household Survey for the Additional 19 Provinces	Multiple	PhilRice	Completed	Rice
2019	Rice	Estimation of Native Nutrient Supplying Capacity of Selected Lowland Rice Soil in Zamboanga Peninsula to Improve the Rice Crop Manager Decision Tool	9	DA-RFO 9	Completed	Rice
2019	Rice	Improvement of the Rice Seed Information System (RSIS) for Scaling Up, Deployment and Operationalization to Strategic Areas Nationwide - PhilRice Component	3 2 1 4A 5 6 13 12 10	PhilRice	Completed	Rice
2019	Rice	Improvement of the Rice Seed Information System (RSIS) for Scaling Up, Deployment and	3 2 1 4A 5 6 13 12 10	Bureau of Plant Industry (BPI)	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Operationalization to Strategic Areas Nationwide- BPI Component				
2019	Rice	Deployment of genetic resistance in the management of rice black bug <i>S. Coarctata</i> (F). PhilRice Component	4A 3 12	PhilRice	Ongoing	Rice
2019	Rice	Deployment of genetic resistance in the management of rice black bug <i>S. Coarctata</i> (F). UPLB Component	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Rice
2019	Rice	Development of Biostimulant for Induction of Resistance Against Blast and Sheath Blight Diseases of Rice Using Multiple Strains of Endophytic Bacteria	3	Central Luzon State University (CLSU)	Ongoing	Rice
2019	Rice	Development of Decision Support System for Determining Level of Mechanization, Suitability and Sufficiency Analysis in Support to Agri-Fisheries Mechanization	3	PHILMECH	Ongoing	
2019	Rice	Improving the Design Parameters of Small Water Impounding Systems (SWISs) thru Assessment of Reservoir Inflow and Sediment Yield under different Climate Types and Watersheds in the Philippines.	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Ongoing	



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2019	Rice	Baseline Information Survey of RCEP Rice-Based Farm Household Beneficiaries on the 38 Provinces (for the RCEP implementation and M&E)	3	PhilRice	Ongoing	Rice
2019	Rice	Mechanized Seeding Technology-Improving Crop Productivity and Increasing Income in Rice based Rainfed and Water Scarce Environments in the Philippines (MP Seeder)-2019 PhilRice Component	3	PhilRice	Ongoing	Rice
2019	Rice	The National Rice Cooperative Testing Project (NCT)-2019 WS	3	PhilRice	Ongoing	Rice
2019	Rice	Improvement of the Satellite-based Modular Mapping and Assessment System for Rice Production in the Philippines (MaPalay v.2)	NCR	UP Diliman	Completed	Rice
2019	Rice	Taking agricultural innovations to scale: Developing alternative strategies for enhancing adoption of Rice Crop Manager recommendations (Scale-RCM)	4A	UPLB & IRRI	Completed	Rice
2019	Rice	Enhancing the R&D Capacities (Skills, Competencies and	4A	IRRI	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Capabilities) and Formulation of the R&D Capacity Development Program of the Regional Rice and Rice-based and Development Network (ER4D) 2019-2020				
2019	Rice	Performance and Impact Valuation of Renewable Energy Driven Pumps (Solar, Wind and Ram Pumps) in Mindanao	9 10 11 12 13	DA-Bureau of Soils and Water Management (DA-BSWM)	Ongoing	
2019	Rice	Use of Agriwaste Compost and Trichoderma Microbial Inoculant (TMI) for LGU and Community-based Rehabilitation of Agricultural Lands Damaged by Mine Wastes in Mogpog, Marinduque	4A	University of the Philippines Los Baños (UPLB)	Ongoing	
2019	Organic Agriculture	Soil Enzymes Response and Crop Nutrition Value as Affected by Biofertilizer Applications	4A	University of the Philippines Los Baños (UPLB)	Ongoing	
2019	Organic Agriculture	From Substrates to Utilization: Ensuring Vermicompost Quality and Satefy	6	Capiz State University (CapSU)	Ongoing	
2019	Organic Agriculture	Verification and Standardization of processing and Concentration of Garlic, Betel Nut, and Asiatic Bitter Yam Against Mycoplasma	6	Central Philippine University (CPU)	Ongoing	Native Chicken

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		gallisepticum and Internal Parasites of Philippine Native Chickens				
2019	Organic Agriculture	Technology Promotion and Utilization of Selected Microbial Fertilizer for Sustainable Corn and Legume Production	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn Legumes
2019	Organic Agriculture	Commercialization of Organic Vegetables in Lahar-Laden Soil	3	Ramon Magsaysay Technological University	Ongoing	Vegetables
2019	Organic Agriculture	Commercialization of QSU-Maddela Vermicompost in Support to Organic Rice, Coffee, and Vegetable Growers in Quirino Province	2	Quirino State University	Ongoing	Rice Coffee Vegetables
2019	CPAR	Community-Based Participatory Action Research on Integrated Rice Farming System in Irrigated Areas in Solano, Nueva Vizcaya	2	DA-RFO 2	Ongoing	Rice
2019	CPAR	CPAR on Rice-based Farming Systems (Rice-vegetables) in Barangay Cawongan and Quilo-Quilo South, Padre Garcia, Batangas	4A	DA-RFO 4A	Completed	Rice
2019	CPAR	CPAR on Coconut-based Farming System	4A	DA-RFO 4A	Completed	Coconut

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		(Coconut+Yam+Peanut+Native Pig) in Agdangan, Quezon				
2019	CPAR	CPAR on Coffee based farming system (coffee+ black pepper+ native pig) in Brgy. Baliwag and Medina in Magallanes, Cavite	4A	DA-RFO 4A	Completed	Coffee
2019	CPAR	CPAR on Rice based Farming System (Saline Rice - Mungbean + Green Corn - Saline Rice + Cattle) in Brgys. Luyahan and Bungahan in Lian, Batangas	4A	DA-RFO 4A	Ongoing	Rice
2019	Climate Change	Community Participatory Action Research for Climate-Resilient Agriculture (CRA) in Region VII	7	DA-RFO 7	Completed	
2019	Climate Change	Developing the Templates for Strategic Research Agenda in Agriculture and Fisheries	Nationwide	CELPA, Inc.	Completed	
2019	Climate Change	Developing Papaya Varieties/Lines Resistant/Tolerant to Drought, Waterlogging and Strong Wind for Climate Change Adaptation (Phase 1)	4A 4B 2 3	University of the Philippines Los Baños (UPLB)	Completed	Papaya
2019	Climate Change	Enhancing Community Rice Seed Security in Three Selected Seed Deficit and Climate-Vulnerable	5 8	Rice Watch Action Network	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Communities in the Philippines (Irosin Sorsogon; Sta. Magdalena, Sorsogon; and Ormoc City, Leyte)				
2020	HVCDP	Development of Formulated Entomopathogenic Fungi (EPF) as Biofungicide Against Tomato Black Leaf Mold (TBLM)	2	Nueva Vizcaya State University (NVSU)	Completed	Tomato
2020	HVCDP	Surveillance and Molecular Detection of Viral Pathogens and Associated Thrips Vector on Pummelo and Mangosteen in Mindanao	11	Bureau of Plant Industry-Davao (BPI-DNCRDC)	Completed	Pummelo and Mangosteen
2020	HVCDP	PILI NANOGUARD: Molecular and Nanoscale Studies on the Etiology of Tayangawon and Kernel Rot Diseases of Pili (Canarium ovatum) and Development of Emulsified Biopesticides and Edible Coatings for its Prevention	4A	University of the Philippines Los Baños (UPLB)	Completed	Pili
2020	HVCDP	Participatory Technology Demonstration (PTD) Cum Research on the Management of Mango Cecid Fly (Procontarinia Frugivora Gagne) in Ilocos Region	1	DA-RFO 1	Ongoing	Mango

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2020	HVCDP	Improving Modalities of Insecticide Application for Efficiency of Control, Safety to Natural Enemies and Insecticide Resistance Management of Mango Cecid Fly	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Mango
2020	HVCDP	Collection, Morphological Characterization, Genetic Diversity Analysis, Development of Varieties Through Conventional and Chemical Mutation Breeding of Greater Yam ( <i>Dioscorea Alata</i> L.)	4A	UPLB	Ongoing	Greater Yam
2020	HVCDP	Development of Postharvest Technologies for Turmeric ( <i>Cucurma longa</i> L) Rhizomes for Fresh Market, Processing and for Seeds/Planting Materials	4A	University of the Philippines Los Baños (UPLB)	Completed	Turmeric
2020	HVCDP	Adaptability, Productivity and Marketability of Quinoa ( <i>Chenopodium quinoa</i> ) in the Philippines	4A	UPLB	Ongoing	Quinoa
2020	HVCDP	Developing Banana Cavendish Clones with Relative Resistance to Fusarium Wilt (R1 and TR4) by Cell Selection	4A	University of the Philippines Los Baños (UPLB)	Completed	Banana

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2020	HVCDP	Yield Performance of Different Cacao Varieties/Clones under CARAGA Region Condition (Phase II)	13	DA-RFO CARAGA	Ongoing	Cacao
2020	HVCDP	Integrated Management of Anthracnose-Twister Disease and In Situ Detection of Fumonisin Contamination of Gibberella moniliformis Infecting Onions in Nueva Ecija, Pangasinan and Nueva Vizcaya	3	Central Luzon State University (CLSU)	Completed	Onion
2020	HVCDP	Dragon Fruit (Hylocereus undatus and Hylocereus polyrhizus) Peel Utilization and Product Development	3	Central Luzon State University (CLSU)	Ongoing	Dragon Fruit
2020	HVCDP	Testing the Yield and Purity Level of Steviol Glycosides (Sweet Compounds) from Stevia Leaves using a Small-scale Extraction that uses Food-Grade Solvent and Developing a High Purity Stevia Table-top Sweetener in Camarines Sur	5	Bicolandia Greenfields Development Organization, Inc.	Completed	Stevia

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2020	HVCDP	BARAKO: Batangas Action towards Revitalization and Acceleration of Kapeng Barako Industry	4A	Batangas State University (BatStateU)	Ongoing	Coffee
2020	AFMA	Economic Analysis of the Movement of Farm Gate Prices of Rice, Corn, and Coconut in the Philippines	3	PSAU Central Mindanao State University DA-AMAD	Ongoing	Rice, Corn, Coconut
2020	AFMA	Bio-economic and Risk Analysis of Invasive Aquatic Species (IAS) in the Aquaculture Areas of Pampanga	3	Pampanga State Agricultural University (PSAU)	Ongoing	Invasive Aquatic Species
2020	AFMA	IMTA (Integrated Multi-Tropic Aquaculture on Highly Valued Seaweeds and Abalone on Commercial Scale using Water Tank Culture Systems	9	Western Mindanao State University	Ongoing	Seaweeds and Abalone
2020	AFMA	Stock Enhancement of the Blue Swimming Crab (Portunus pelagicus) in Guiuan Eastern Samar, Philippines	8	NFRDI	Completed	Blue Swimming Crab
2020	AFMA	Adoption of Modified Intensive Fry Production and Nursery Rearing of Oreochromis niloticus for Village Level Production in the Northern Luzon	1	NFRDI	Completed	Nile Tilapia



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2020	AFMA	Outscaling of protocols on Saline Tilapia Molobicus ( <i>O. niloticus</i> x <i>O. Mossambicus</i> ) through Backyard Satellite Hatcheries as Livelihood Support to Village Level Farmers in Pangasinan	1	NFRDI	Completed	Saline Tilapia
2020	AFMA	Improved Production of Common Carp ( <i>Cyprinus carpio</i> ) through Outscaling of the Grow-out Protocols in Village-level farms in the Province of Laguna and Rizal	4A	NFRDI	Completed	Carp
2020	AFMA	Enhanced Fingerling Production through Outscaling of Hatchery and Nursery Tilapia ( <i>Oreochromis niloticus</i> ) Protocols in Village-level farms in Laguna and Batangas	4A	NFRDI	Completed	Nile Tilapia
2020	AFMA	DNA Analysis for Accurate Diagnosis of Emerging Deadly Viruses Among Agri-Fisheries of Central Luzon	3	Pampanga State Agricultural University (PSAU)	Completed	swine, poultry, shrimp, tilapia
2020	RFDG	Upgrading of Tissue Culture Laboratory at Northwest Samar State University	8	Northwest Samar State University (NwSSU)	Completed	(Research Facility)

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2020	RFDG	Establishment of a Tissue Culture Laboratory at Ilocos Sur Polytechnic State College (ISPSC)	1	Ilocos Sur Polytechnic State College (ISPSC)	Completed	(Research Facility)
2020	RFDG	Establishment of Multi-Purpose R&D Facility at CLIARC for Upland Development	3	DA-RFO 3	Ongoing	(Research Facility)
2020	RFDG	Establishment of Benguet State University -Agri-Processing Center (BSU-APC)	CAR	Benguet State University (BSU)	Completed	(Research Facility)
2020	RFDG	Establishment of ICT R&D Facility at PSAU	3	Pampanga State Agricultural University (PSAU)	Completed	(Research Facility)
2020	RFDG	Upgrading of Dairy Metabolism Facility at UPLB	4A	University of the Philippines Los Baños (UPLB)	Completed	(Research Facility)
2020	RFDG	Establishment of the Bee Science R & D Facility at UPLB	4A	University of the Philippines at Los Baños Foundation Inc. (UPLBFI)	Completed	(Research Facility)
2020	Bayanihan 2	Harnessing Smart and Digital Agriculture Technologies of High Value Crops at University of Southern Mindanao	12	University of Southern Mindanao (USM)	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2020	Bayanihan 2	Harnessing Precision and Digital Agriculture Technologies of High Value Crops at Central Luzon State University	3	Central Luzon State University (CLSU)	Ongoing	(Research Facility)
2020	RFDG	Establishment of Coconut Sap Processing Center in Quezon Province	4A	DA-RFO 4A	Completed	(Research Facility)
2020	RFDG	Establishment of Agriculture Innovation Center for an Agri-Fishery-Livestock at Ilocos Sur Polytechnic State College (ISPSC)	1	Ilocos Sur Polytechnic State College (ISPSC)	Completed	(Research Facility)
2020	Corn	Assessment of socio economic outcomes of the National Quality of corn achievers award program"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2020	Corn	Assessment on the incidence of Arthropod pests and diseases of cassava as influenced by fertilization and elevation as basis for forecasting in Region 2	2	DA-RFO 2	Ongoing	Cassava
2020	Corn	Assessment on the incidence of Arthropod pests and diseases of cassava as influenced by fertilization and elevation as basis for forecasting in Northern Mindanao	10	DA-RFO 10	Ongoing	Cassava

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2020	Corn	Expanded collection, evaluation and improvement of traditional corn varieties in CARAGA Region"	13	DA-RFO CARAGA	Ongoing	Corn
2020	Corn	On Farm participatory evaluation in Caraga Region: Nutrient expert for cassava"	13	DA-RFO CARAGA	Ongoing	Cassava
2020	Corn	Development of early warning system and database management of corn arthropod pests and diseases in Region 8"	8	DA-RFO 8	Ongoing	Corn
2020	Corn	on Farm participatory evaluation: Nutrient expert for cassava in Region 12"(25)102	12	DA-RFO 12	Ongoing	Cassava
2020	Corn	Assessment on the incidence of Arthropod pests and diseases of cassava as influenced by fertilization and elevation as basis for forecasting in Region VII"	7	DA-RFO 7	Ongoing	Cassava
2020	Corn	Characterization, mass production, formulation, and utilization of metarhizium sp for increased potency against armyworm"	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2020	Corn	Development of pheromone traps for the monitoring of the fall armyworm (FAW), spodoptera	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		frugiperda (JE Smith) (Noctuidae, Lepidoptera)				
2020	Corn	Assessment on the incidence of arthropod pests and diseases of cassava as influenced by fertilization and elevation as basis for forecasting in Region 8	8	DA-RFO 8	Ongoing	Cassava
2020	Corn	Assessment on the incidence of Arthropod pests and diseases of cassava as influenced by fertilization and elevation as basis for forecasting in Region 12"	12	DA-RFO 12	Ongoing	Cassava
2020	Corn	Development of Early Warning System and Database Management of Corn (Zea mays) Arthropod pests and Disease in Region 1	1	DA-RFO 1	Ongoing	Corn
2020	Corn	Development of Early Warning System and Databse Management of Corn (Zea mays) Arthropod pests and Disease in Davao Region	11	DA-RFO 11	Ongoing	Corn
2020	Biotechnology	DA Biotech Program Scholarship Grant to VSU Students Pursuing Agri-biotechnology and Related Fields	8	Visayas State University (VSU)	Ongoing	

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2020	Biotechnology	DA Biotech Program Scholarship Grant to the University of the Philippine Visayas (UPV) Undergraduate Students Pursuing Fisheries Biotechnology and Related Fields	6	University of the Philippines Visayas (UPV)	Ongoing	
2020	Biotechnology	Abaca Research Program (ICE Component): Upgrading of Plant Disease Diagnostic Laboratory for Molecular Detection and Characterization of Bunchy Top Affecting Abaca Farms and Breeding of Virus-resistant Variety with High Fiber Quality and Yield in Caraga Region	13	Caraga State University (CarSU)	Ongoing	Abaca
2020	Biotechnology	Abaca Research Program (ICE Component): Establishment of Biotech Laboratory in Jose Rizal Memorial State University (JRMSU) – Tampilisan Campus	9	Jose Rizal Memorial State University (JRMSU)	Ongoing	
2020	Biotechnology	Enhancing capability on virus detection and propagation (micro and macro) for SUCs for a more effective and sustained disease management in abaca	NCR	Philippine Fiber Industry Development Authority (PhilFIDA)	Ongoing	Abaca

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2020	Biotechnology	DNA-marker based identification and phylogenetic analysis of outstanding coconut varieties and hybrids (Phase 1)	9	Philippine Coconut Authority (PCA)-Zamboanga Research Center	Ongoing	Coconut
2020	Biotechnology	Epidemiological assessment of Streptococcus suis and other streptococcal swine infections in the Philippines (Phase I)	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Swine
2020	Biotechnology	Support to Mass Production and Adopt-A-Community Programs to Increase Production of High Yielding, Quality Planting Eggplant Varieties with Reduced Pesticide Use Through Biotechnology in Sta. Maria, Pangasinan and Tiaong, Quezon	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Eggplant
2020	Biotechnology	Support to Production of Drought-Tolerant Saba Through Mass Propagation for Food Production in DA Regional Field Units	3 4A 4B	University of the Philippines Los Baños (UPLB)	Ongoing	Banana Saba
2020	Biotechnology	Biotechnological approaches in the production of mudfish (Channa striata) using induced spawning hormones	3	National Fisheries Research and Development	Ongoing	Mudfish

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Institute (NFRDI)		
2020	Biotechnology	Improving popular released rice varieties through gene editing	3	Crop Biotech Center	Ongoing	Rice
2020	Biotechnology	Direct detection of Salmonella in meat using filtration-LAMP assay	NCR	UP Diliman	Ongoing	Swine
2020	Biotechnology	Improved Hatchery Production of Blue Swimming Crab ( <i>Portunus pelagicus</i> ) for Stock Enhancement in Selected Areas of Ubay and President Garcia, Bohol	7	BFAR 7	Ongoing	Blue swimming crab
2020	Biotechnology	Outscaling of African Catfish ( <i>Clarias gariepinus</i> ) Breeding and Culture Technology in Region 1	1	BFAR 1	Ongoing	Catfish
2020	ACEF-RFDG	Upgrading of Banana Tissue Culture Laboratory in Apayao State College	CAR	Apayao State College (ASC)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of BatStateU's UHT/HTST Facility: Input for Production of High Quality Fruit Juices	4A	Batangas State University (BatStateU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Banana Plant Tissue Culture Laboratory in Central Mindanao University	12	Central Mindano University (CMU)	Completed	(Resarch Facility)



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2020	ACEF-RFDG	Upgrading of the Banana Tissue Culture Laboratory of Ifugao State University	CAR	Ifugao State University (IfSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Food Processing Laboratory at Ifugao State University	CAR	Ifugao State University (IfSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Indoor and Controlled Laboratory and Production Facility for Agaricus bisporus at Ifugao State University	CAR	Ifugao State University (IfSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of the Tissue Culture Laboratory in ISU, Cabagan	2	Isabela State University (ISU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Button Mushroom (Agaricus bisporus) Facility at Kalinga State University	CAR	Kalinga State University (KSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of the Technology Innovation and Partnership Center at Mariano Marcos State University	1	Mariano Marcos State University (MMSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Banana Tissue Culture Facility of MSU-General Santos	12	Mindanao State University (MSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Indoor and Controlled Button Mushroom Production Facility at Nueva Vizcaya State University	2	Nueva Vizcaya State University (NVSU)	Completed	(Resarch Facility)

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2020	ACEF-RFDG	Upgrading of Tissue Culture Production Facility of Triploid Hybrid (abb) Saba Banana Cultivar at Nueva Vizcaya State University	2	Nueva Vizcaya State University (NVSU)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Banana Tissue Culture Laboratory at University of Southeastern Philippines	11	University of Southeastern Philippines (USEP)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Enhancement of Food Processing Laboratory of USEP Tagum-Mabini Campus	11	University of Southeastern Philippines (USEP)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Indoor and Controlled Button Mushroom Production Facility at University of Southeastern Philippines	11	University of Southeastern Philippines (USEP)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of High Value Crops Food Processing Laboratory at University of Southern Mindanao	12	University of Southern Mindanao (USM)	Completed	(Resarch Facility)
2020	ACEF-RFDG	Upgrading of Tissue Culture Facility in University of Southern Mindanao	12	University of Southern Mindanao (USM)	Completed	(Resarch Facility)
2020	ACEF- Support to Technology	Commercial Production of High Value Vegetables using the BPSU Automated Soilless Culture System	3	Bataan Peninsula State	Completed	Vegetables

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	Commercialization			University (BPSU)		
2020	ACEF- Support to Technology Commercialization	Off Season Tomato (Kamlong) Production Technology towards Enterprise Development	3	Tarlac Agricultural University (TAU)	Completed	Tomato
2020	ACEF- Support to Technology Commercialization	Community Based Enterprise on Meliponiculture and Bee Products	5	Central Bicol State University of Agriculture (CBSUA)	Completed	Bee
2020	ACEF- Support to Technology Commercialization	Commercialization of Quality Purple Yam (Dioscorea alata) Minisett Planting Materials Towards Enhanced Productivity	CAR	Benguet State University (BSU)	Completed	Purple Yam
2020	ACEF- Support to Technology Commercialization	Transforming Backyard Chicken Production into a Viable Enterprise	3	Tarlac Agricultural University (TAU)	Completed	Chicken
2020	ACEF- Support to Technology Commercialization	Commercialization of Innovative Onion Leaves Powder as Seasoning/Flavoring in Various Food Products	4A	University of the Philippines Los Baños (UPLB)	Completed	Onion
2020	ACEF- Support to Technology	A Community-Based Enterprise on Instant Tilapia Cream Soup Production and Commercialization	2	Nueva Vizcaya State University (NVSU)	Completed	Tilapia

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
	Commercialization					
2020	ACEF- Support to Technology Commercialization	Technology Utilization and Commercialization of Tissue-Cultured Banana in Quirino Province	2	Quirino State University (QSU)	Completed	Banana
2020	ACEF- Support to Technology Commercialization	Upscaling the Promotion and Commercialization of Soya Products in Quirino Province	2	Quirino State University (QSU)	Completed	Soya
2020	ACEF- Support to Technology Commercialization	Commercialization and Promotion of Production and Postharvest Technologies (Good Agricultural Practices) for Quality Mango Fruits in Central Luzon	3	President Ramon Magsaysay State University (PRMSU)	Completed	Mango
2020	ACEF- Support to Technology Commercialization	Upscale Production and Commercialization of Daerrys Tilapia Ice Cream and Tilapia Cookies	3	Central Luzon State University (CLSU)	Completed	Tilapia
2020	ACEF- Support to Technology Commercialization	Pilot Testing the Commercialization of Fruit Juice Drinks and Preserves from Passion Fruit, Bignay And Lipote	4A	University of the Philippines Los Baños (UPLB)	Completed	Passion Fruit

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2020	ACEF- Support to Technology Commercialization	Product and Market Enhancement of Galyang (Cyrtosperma chamissonis) Taro Chips	CAR	Ifugao State University (IfSU)	Completed	Taro
2020	ACEF- Support to Technology Commercialization	Commercialization of Spawn and Mushroom Substrates	2	Isabela State University (ISU)	Completed	Mushroom
2020	ACEF- Support to Technology Commercialization	Promotion and Utilization of Tissue-Cultured Saba (Cardava Plantlets to Enhance Farm Productivity and Increase Income of Banana Small Holders in Isabela	2	Isabela State University (ISU)	Completed	Banana
2020	ACEF- Support to Technology Commercialization	Cagayan Valley Legumes Technology Business Incubation	2	Cagayan State University (CSU)	Completed	Legumes
2020	ACEF- Support to Technology Commercialization	Continuing Efforts For Moving Technology From Research Laboratory to the Non-traditional Technology Business Incubation for Improved Tilapia Production	3	Central Luzon State University (CLSU)	Completed	Tilapia
2020	ACEF- Support to Technology	Rice Production Enterprise Using the Improved Rice Production	BARMM	Mindanao State University (MSU)	Completed	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
	Commercialization	Technology (IRPTech) of Mindanao State University -Maguindanao				
2020	Bayanihan 2	Enhancing Technology Transfer and Capacities in Region 2	2	DA-Cagayan Valley Integrated Agricultural Research Center (DA-CVIARC)	Ongoing	(Research Facility)
2020	Rice	Pest Risk Identification and Management (PRIME) 2020- IRRI Component	4A	IRRI	Completed	Rice
2020	Rice	Pest Risk Identification and Management (PRIME) 2020- PhilRice Component	3 4A 5 6 8 13	PhilRice	Ongoing	Rice
2020	Rice	Transition and Sustainability of the Pest Risk Identification and Management (PRIME) Project	Nationwide	Bureau of Plant Industry (BPI)	Ongoing	Rice
2020	Rice	Rice Business Innovation System (RiceBIS) Community Program 2020	1 2 3 4A 5 7 12 13	PhilRice	Ongoing	Rice
2020	Rice	Rice Business Innovation System (RiceBIS) Community Program- Expansion Sites	1 CAR 3 5 6 13	PhilRice	Ongoing	Rice
2020	Rice	Mechanized Seeding Technology: Improving Crop Productivity and Increasing Income in Rice-based	1 2 3 5 6 12 CAR	PhilRice	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Rainfed and Water Scarce Environments in the Philippines 2020-PhilRice Component				
2020	Rice	NextGen PLUS: Increasing Access to Adaptive Rice Varieties in the Philippines-2020 PhilRice Component	3	PhilRice	Ongoing	Rice
2020	Rice	NextGen PLUS: Increasing Access to Adaptive Rice Varieties in the Philippines-2020 IRRI Component	4A	IRRI	Ongoing	Rice
2020	Rice	Water Efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WateRice) 2020-PhilRice Component	1 2 3 6 12	PhilRice	Ongoing	Rice
2020	Rice	Water Efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WateRice) 2020-IRRI Component	4A	IRRI	Ongoing	Rice
2020	Rice	Rice Crop Manager Philippines Phase III: Transition to Operational Sustainability for Research and Dissemination from IRRI to DA-2020 PhilRice Component	3	PhilRice	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2020	Rice	Rice Crop Manager Philippines Phase III: Transition to Operational Sustainability for Research and Dissemination from IRRI to DA-2020 IRRI Component	4A	IRRI	Ongoing	Rice
2020	Rice	Mechanized Seeding Technology: Improving Crop Productivity and Increasing Income in Rice-based Rainfed and Water Scarce Environments in the Philippines 2020 -UPLB Component	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Rice
2020	Rice	Field Evaluation of FPA-Approved Fertilizer for Irrigated Lowland Rice Ecosystem for the Packaging of Best nutrient Management Technology	3	PhilRice	Ongoing	Rice
2020	Rice	Monitoring the Occurrence, host Plant Specificity, and Management of the Fall Armyworm (Spodoptera frugiperda) in and around Rice Ecosystems in the Philippines	3	PhilRice	Ongoing	Rice
2020	Organic Agriculture	Development of Package of Technology for Sustainable Organic White Corn Production in Central Luzon	3	Central Luzon State University (CLSU)	Ongoing	Corn



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2020	Organic Agriculture	Development of Postharvest Handling and Storage for Organically-produced Corn	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2020	Organic Agriculture	Phytochemical Screening and Nutrition Profiling of Organic Root Crops Grown using Commercially Available Organic Fertilizer	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Root crops
2020	Organic Agriculture	Development of Pelletized Biochar from Various Agricultural Wastes in Support to Organic Farming Activities of Farmers in Isabela	2	Isabela State University (ISU)	Ongoing	
2020	Climate Change	Enhancing Soil Resiliency to Changing Climate of Intensively Cultivated Cassava Production System	2 7 10	University of the Philippines Los Baños (UPLB)	Ongoing	Cassava
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Quality Planting Materials through Mass Propagation and Protocols for Selected High value Crops in CAR	CAR	DA-RFO CAR	Completed	Sweet Potato, Ginger, Mushroom
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Upland Vegetables and Legumes Quality Seed and Seedling through Seedling Tray and Seedbed Production in Batanes	2	DA-RFO 2 Batanes Experiment Station	Completed	Cabbage, Bell Pepper, Sweet Pepper, Tomato, Squash,

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						Lettuce, String Beans (Pole Sitao), Snap Beans (Baguio Beans), Peanut, Mungbean
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Traditional Sweet Potato Planting Materials through Mass Production Techniques of Sweet Potato in Batanes	2	DA-RFO 2 Batanes Experiment Station	Completed	Sweet Potato
2020	Support to Mass Production of Planting Materials	Outscaling of Container Straw Mushroom ( <i>Volvariella volvacea</i> ) Cultivation	2	DA-RFO 2 RCPC	Completed	Straw Mushroom
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Ginger Quality Planting Materials through Mass Propagation Technique in Nueva Vizcaya	2	DA-RFO 2 Nueva Vizcaya Experiment Station	Completed	Ginger
2020	Support to Mass Production of	Mass Production of Banana Quality Planting Material through Tissue Culture and Macro-propagation	2	DA-RFO 2 Cagayan Valley Research Center	Completed	Banana

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	Planting Materials	Technique in Abra, Burgos and Ilagan City				
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Batanes Red and Itbayat White Garlic Quality Planting Materials through Seed Production Technique in Batanes	2	DA-RFO 2 Batanes Experiment Station	Completed	Garlic
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Quality Planting Materials through Mass Propagation Techniques and Protocols for Selected Lowland and Indigenous Vegetables in Cagayan and Isabela	2	DA-RFO 2 Research Division	Completed	Lowland and Indigenous Vegetables
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Vermicast/Vermicompost in the Province of Quirino	2	Quirino State University	Completed	Vermicast/Vermicompost
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Mushroom in the Province of Quirino	2	Quirino State University	Completed	Mushroom
2020	Support to Mass	Support to Mass Production of Mushroom Quality Planting	3	DA-RFO 3	Completed	Mushroom

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	Production of Planting Materials	Materials through Mass Propagation Protocol in Central Luzon				
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Banana (Saba and Lakatan), Moringa, Lowland and Indigenous Vegetables Quality Planting Materials through Mass Propagation Technique and/or Protocol in Lowland Areas of Region 3	3	DA-RFO 3	Completed	Banana (Saba and Lakatan), Moringa, Lowland and Indigenous Vegetables
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Cardaba and Lakatan Cultivars for Quality Planting Material through Mass Propagation Technique and/or Protocol in Luzon	4A	UPLBFI	Completed	Cardaba and lakatan
2020	Support to Mass Production of Planting Materials	Support to Mass Propagation of Lakatan Banana Quality Planting Materials through Mass Propagation Technique and/or Protocol in Victoria, Oriental Mindoro	4B	DA-RFO 4B	Completed	Banana
2020	Support to Mass Production of	Support to Mass Production of Pineapple Quality Planting Material through Mass Propagation	5	DA-RFO 5	Completed	Pineapple

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
	Planting Materials	Technique and/or Protocol in Camarines Norte				
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Quality Banana Planting Material through Mass Propagation Techniques and Protocols in Central Visayas	7	DA-RFO 7	Completed	Banana
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Ubi Quality Planting Materials through Mass Propagation Technique in Bohol Province	7	DA-RFO 7	Completed	Ubi
2020	Support to Mass Production of Planting Materials	Intensified Mass Production of Banana, Yam and Ginger Quality Planting Material through Tissue Culture Technology in Region 3	NCR	BPI	Completed	Banana, yam, Ginger
2020	Support to Mass Production of Planting Materials	Intensified Mass Production of Banana Quality Planting Material through Tissue Culture Technology in Benguet and La Union	CAR	BPI-BNCRDPSC	Completed	Banana
2020	Support to Mass Production of	Support to Mass Production of Garlic Quality Planting Material through Mass Propagation	4A	BPI-LBNCRDPSC	Completed	Garlic

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
	Planting Materials	Technique and Technological Interventions in CALABARZON				
2020	Support to Mass Production of Planting Materials	Support to Quality Seed Production of Selected Field and Vegetable Legumes through Promotion of National Seed Industry Council (NSIC) Varieties in CALABARZON	4A	BPI-LBNCRDPSC	Completed	Field and Vegetable legumes
2020	Support to Mass Production of Planting Materials	Support to Mass Production of Banana Quality Planting Material through Micropropagation Technology in Region XI	11	BPI-DNCRDPSC	Completed	Banana
2020	Support to Mass Production of Planting Materials	Outscaling of Off-season Onion Production in the Rice-based Areas in Nueva Vizcaya	2	DA-RFO 2	Completed	Onion
2020	Support to Mass Production of Planting Materials	Utilization and Promotion of Abaca Technologies under Coconut in Laguna, Leyte, Davao Occidental and Surigao Del Sur	NCD	PhilFIDA - Technical Assistance Division	Completed	Abaca
2021	HVCDP	Controlled Ripening of Local Durian Cultivars using Different	11	UP Mindanao	Completed	Durian

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Storage Conditions and Ethylene Regulating Agents				
2021	HVCDP	Accelerated Production and Commercialization of Purple Yam in Selected IP Groups in Central Luzon	3	DA-RFO 3	Ongoing	Purple Yam
2021	HVCDP	Technology Adaptation of Pineapple-Based Farming System (Queen Pineapple + Taro + Corn + Peanut) in Camarines Norte	5	DA-RFO 5	Ongoing	Pineapple
2021	HVCDP	Strengthening the Technological Capacities of Seed Growers and Commercial Farmers in Production of Adoptable Soybean Variety in Ilocos Region	1	DA-RFO 1	Ongoing	Soybean
2021	HVCDP	Identification of recommended Varieties and Packaging of Cultural Managment and Post Harvest Handling Technologies for Green Soybean Pods	4A	UPLBFI	Ongoing	Soybean
2021	HVCDP	Genetic Improvement of 'Adlai' (Coix lacryma-jobi) in the Philippines: Genetic Profile of Existing Adlai Germplasm	3	Philippine Rice Research Institute	Ongoing	Alday

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2021	HVCDP	Strengthening the Bamboo Production System in Ilocos Norte	1	Mariano Marcos State University (MMSU)	Ongoing	Bamboo
2021	HVCDP	Upscaling and Commercialization of Locally-Produced Soybean Texturized Protein (TVP) for better Nutrition in Cagayan Valley	2	DA-RFO 2	Ongoing	Soybean
2021	AFMA	Strengthening Food Fish Resiliency thru Establishment of Milkfish (Chanos chanos) Nurseries for Village Level Farmer in La Union and Pangasinan	1	NFRDI	Completed	Milkfish
2021	AFMA	Stock Enhancement of Blue Swimming Crab, Portunus pelagicus, in Guimaras Strait and Visayan Sea Fishing Grounds	6	BFAR 6	Completed	Blue Swimming Crab
2021	AFMA	Enhanced Productivity and Resiliency through Improved Milkfish (Chanos chanos) Hatchery Nursery Protocols in Central Luzon	3	NFRDI	Ongoing	Milkfish
2021	AFMA	Enhanced Productivity and Resiliency through Improved Milkfish Nursery Protocols in Cagayan Valley Region	2	NFRDI	Completed	Milkfish



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2021	AFMA	Establishment and Operation of a Village Level Pilot Hatchery for African Catfish ( <i>Clarias gariepinus</i> )	3	NFRDI	Ongoing	Catfish
2021	AFMA	Automation System for Intensive Fry Production of <i>Oreochromis niloticus</i>	3	NFRDI	Completed	Nile Tilapia
2021	AFMA	Development of the Commodity Industry Roadmap Project	4A	UPLBFI	Ongoing	Multi-commodity
2021	Corn	Establishment & Validation of Hybrid Glutinous Corn Farming systems for Food & Silage Production Package of Technology in Cagayan, Quirino and Nueva Viscaya	2	DA-RFO 2	Ongoing	Corn
2021	Biotechnology	Strengthening the Conduct of Risk Assessment of Genetically Modified Crops Applied for Use as Feeds for Livestock and Poultry (Phase 2)	NCR	Bureau of Animal Industry (BAI)	Ongoing	Livestock and Poultry
2021	Biotechnology	Support for the Conduct of Research Collaboration Activities and Development of Specialized Training Course for Livestock Biotechnology Center R4D Network	3	Philippine Carabao Center (PCC)	Ongoing	Livestock

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2021	Biotechnology	Upgrading of BPI-NSQCS Central Office Laboratory utilizing Molecular Markers Technology	NCR	Bureau of Plant Industry (BPI)	Ongoing	
2021	ACEF-RFDG	Upgrading of Dairy Carabao Facility in Support to Research and Development in Caraga Region	13	Caraga State University (CarSU)	Completed	(Research Facility)
2021	ACEF-RFDG	Upgrading of Food Processing R&D Facility of CLSU	3	Central Luzon State University (CLSU)	Completed	(Research Facility)
2021	ACEF-RFDG	Upgrading the Greenhouse Facilities for High Value Commercial Crops at Cagayan State University Carig Campus	2	Cagayan State University (CSU)	Completed	(Research Facility)
2021	ACEF-RFDG	Upgrading of the Coffee Product Development Facility at National Coffee Research, Development and Extension Center-Cavite State University (NCRDEC-CvSU)	4A	Cavite State University (CvSU)	Ongoing	(Research Facility)
2021	ACEF-RFDG	Upgrading of Crop Processing Laboratory of Quirino State University	2	Quirino State University (QSU)	Completed	(Research Facility)
2021	ACEF-RFDG	Upgrading Marine Finfish Hatchery Facility of San Agustin Campus	4B	Romblon State University (RSU)	Completed	(Research Facility)

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2021	ACEF-RFDG	Upgrading BIOTECH Research and Development Laboratory for Microbial and Molecular Research for Agriculture	4A	University of the Philippines Los Baños (UPLB)	Completed	(Resarch Facility)
2021	ACEF-RFDG	Upgrading of Biological & Industrial Testing of the Agricultural Bioprocessing Facility	4A	University of the Philippines Los Baños (UPLB)	Completed	(Resarch Facility)
2021	ACEF-RFDG	Improvement of Production and Post-Harvest Facility Towards GAP or Organic Certification	8	Visayas State University (VSU)	Completed	(Resarch Facility)
2021	ACEF- Support to Technology Commercialization	Sugarcane Production, Processing and Commercialization of Muscovado Sugar in Isabela: A Small-hold Village Type Enterprise	2	Isabela State University (ISU)	Completed	Sugarcane
2021	ACEF- Support to Technology Commercialization	Establishing a Viable Enterprise Using Free Range Chicken Production Technology in Nueva Vizcaya	2	Nueva Vizcaya State University (NVSU)	Completed	Chicken
2021	ACEF- Support to Technology Commercialization	Establishing a Viable Enterprise Using Free Range Chicken Production Technology in Quirino	2	Quirino State University (QSU)	Completed	Chicken
2021	ACEF- Support to Technology	Establishing a Viable Enterprise Using Free Range Chicken	3	Pampanga State Agricultural	Ongoing	Chicken

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
	Commercialization	Production Technology in Pampanga		University (PSAU)		
2021	ACEF- Support to Technology Commercialization	Establishing a Viable Enterprise Using Free Range Chicken Production Technology in Isabela	2	Isabela State University (ISU)	Ongoing	Chicken
2021	ACEF- Support to Technology Commercialization	Establishing a Viable Enterprise Using Free Range Chicken Production Technology in Ifugao	CAR	Ifugao State University (IfSU)	Ongoing	Chicken
2021	ACEF- Support to Technology Commercialization	Establishing a Viable Enterprise Using Free Range Chicken Production Technology in Bataan	3	Bataan Peninsula State University (BPSU)	Ongoing	Chicken
2021	ACEF- Support to Technology Commercialization	Establishing a Viable Enterprise Using Free Range Chicken Production Technology in Bulacan	3	Bulacan State University	Ongoing	Chicken
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Aurora	3	Aurora State College of Technology	Ongoing	Swine
2021	ACEF- Support to Technology	Increasing Availability of Swine Quality Stock through Distribution	3	Bataan Peninsula State	Ongoing	Swine

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
	Commercialization	and Upgrading of Swine Multiplier Farm in Bataan		University (BPSU)		
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Benguet	CAR	Benguet State University	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Camarines Norte	5	Camarines Norte State College (CNSC)	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Ilocos Sur	1	Ilocos Sur Polytechnic State College (ISPSC)	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Ilocos Norte	1	Mariano Marcos State University (MMSU)	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Oriental Mindoro	4B	Mindoro State College of Agriculture and Technology (MinSCAT)	Ongoing	Swine

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Nueva Vizcaya	2	Nueva Vizcaya State University (NVSU)	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Zambales	3	President Ramon Magsaysay State University (PRMSU)	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Pangasinan	1	Pangasinan State University (PSU)	Ongoing	Swine
2021	ACEF- Support to Technology Commercialization	Increasing Availability of Swine Quality Stock through Distribution and Upgrading of Swine Multiplier Farm in Sultan Kudarat	12	Sultan Kudarat State University (SKSU)	Ongoing	Swine
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Davao Region	11	DA - Southern Mindanao Integrated Agricultural Research Center (DA-SMIARC)	Ongoing	(Research Facility)

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2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in CALABARZON Region	4A	DA-South Luzon Integrated Agricultural Research Center (DA-STIARC)	Ongoing	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in MIMAROPA Region	4B	DA-MIMAROPA Regional Integrated Agricultural Research Center (DA-MIMAROPA RIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Bicol Region	5	DA-Bicol Integrated Agricultural Research Center (DA-BIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Central Visayas Region	7	DA-Central Visayas Integrated Agricultural Research Center (DA-CENVIARC)	Completed	(Research Facility)

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2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Eastern Visayas Region	8	DA-Eastern Visayas Integrated Agricultural Research Center (DA-EVIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Western Visayas Region	6	DA-Western Visayas Integrated Agricultural Research Center (DA-WESVIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Northern Mindanao Region	10	DA-RFO10, Research Division (NMACLRC; RCHD)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Ilocos Region	1	DA-Ilocos Region Integrated Agricultural Research Center (DA-ILIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in CARAGA Region	CARAGA	DA-Caraga Integrated Agricultural	Completed	(Research Facility)



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Research Center (DA-CARIARC)		
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Cordillera Administrative Region	CAR	DA-Cordillera Integrated Agricultural Research Center (DA-CIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Central Luzon Region	3	DA-Central Luzon Integrated Agricultural Research Center (DA-CLIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Zamboanga Peninsula Region	9	DA-Zamboanga Peninsula Integrated Agricultural Research Center (DA-ZAMPIARC)	Completed	(Research Facility)
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in SOCCSKSARGEN Region	12	DA-Central Mindanao Integrated Agricultural Research Center (DA-CEMIARC)	Completed	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2021	Bayanihan 2	Enhancing Technology Transfer and Capacities in Bangsamoro Autonomous Region in Muslim Mindanao	BARMM	Ministry of Agriculture, Fisheries and Agrarian Reform- Bangsamoro Autonomous Region in Muslim Mindanao- Integrated Agricultural Research Center (MAFAR- BARMM)	Completed	(Research Facility)
2021	Adlay	Genetic Improvement of Adlai (Coix lacryma-jobi) in the Philippines: Genetic Profile of Existing Adlai Germplasm	3	Philrice	Ongoing	Adlay
2021	Rice	Rice Business Innovations Systems (RiceBIS) Community Program (9 sites) -2021	1 2 3 4a 5 7 12 13	PhilRice	Ongoing	Rice
2021	Rice	Mechanized Seeding Technology: Improving Crop Productivity and Increasing Income in Rice-Based	1 2 3 4A 5 6 12 CAR	PhilRice	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Rainfed and Water Scarce Environments in the Philippines 2021 -PhilRice Component				
2021	Rice	Water-efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WateRice) – 2021 PhilRice Component	1 2 3 6 12	PhilRice	Ongoing	Rice
2021	Rice	NextGen PLUS: Increasing Access to Adaptive Rice Varieties in the Philippines -2021 PhilRice Component	4A 3	PhilRice	Ongoing	Rice
2021	Rice	Pest Risk Identification and Management (PRIME), Year 5 (2021) – PhilRice Component	2 3 6 13	PhilRice	Ongoing	Rice
2021	Rice	Rice Crop Manager Philippines Phase III: Transition to Operational Sustainability for Research and Dissemination from IRRI to DA - 2021 PhilRice Component	Nationwide	PhilRice	Ongoing	Rice
2021	Rice	Water-efficient and Risk Mitigation Technologies for Enhancing Rice Production in Irrigated and Rainfed Environments (WateRice) – 2021 IRRI Component	1 2 3 6 12	IRRI	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2021	Rice	NextGen PLUS: Increasing Access to Adaptive Rice Varieties in the Philippines -2021 IRRI Component	4A 3	IRRI	Ongoing	Rice
2021	Rice	Pest Risk Identification and Management (PRIME) - 2021 IRRI Component	Nationwide (except NCR)	IRRI	Ongoing	Rice
2021	Rice	Rice Crop Manager Philippines Phase III: Transition to Operational Sustainability for Research and Dissemination from IRRI to DA - 2021 IRRI Component	Nationwide (except NCR)	IRRI	Ongoing	Rice
2021	Rice	Mechanized Seeding Technology: Improving Crop Productivity and Increasing Income in Rice-Based Rainfed and Water Scarce Environments in the Philippines 2021 -UPLB Component	1 2 3 4A 5 6 12 CAR	University of the Philippines Los Baños (UPLB)	Ongoing	Rice
2021	Organic Agriculture	Development Survey Instruments to Establish the Costs and Valuation of Conversion from Conventional to Organic Agriculture	4A	University of the Philippines Los Baños (UPLB)	Ongoing	
2021	Organic Agriculture	Strengthening Capacity of Yakap at Halik Multi-Purpose Cooperative in	4A	DA-RFO 4A	Ongoing	Fruits and Vegetables

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Support to Organic Product Certification and Commercialization of Processed Fruits and Vegetables (Chips and Powder) in Cavite Province				
2021	Organic Agriculture	BIOCHARTILANT: Characterization and Biological Suitability Evaluation of Biochar as Carrier Materials for Beneficial Microbes	13	Caraga State University (CarSU)	Ongoing	
2021	Organic Agriculture	Preparatory Analysis for the Development of Pelletized Feeds for Growing-Finishing Native Pigs	4A	Bureau of Animal Industry (BAI)	Ongoing	Native Pigs
2021	Organic Agriculture	Determination of the Potential of Organic Pelleted Poultry Feeds in the Market and Production of Selected Ingredients in Preparation to Pelleted Poultry Feed Formulation	3	Pampanga State Agricultural University (PSAU)	Ongoing	Poultry
2021	Organic Agriculture	Preparatory Analysis for the Development of Composting Protocol for the Removal of Antibiotics in Manure for Utilization in Organic Fertilizer Production	3	Central Luzon State University (CLSU)	Ongoing	

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2021	Organic Agriculture	Market Potential Analysis of Complete Ration Mix and Production of Feed Ingredients for Quality Enhancement	12	DA-RFO 12	Ongoing	
2022	HVCDP	Improvement of Flowering and Seed Setting Abilities of Red Creole and Shallots Onions towards Local Seed Production	3	Central Luzon State University (CLSU)	Completed	Onion
2022	HVCDP	Development of Zero Energy Cool Chamber (ZECC) to Extend Shelf Life and Maintain Quality of Fruits and Vegetables Grown in Isabela	2	DA-RFO 2	Ongoing	Fruits and Vegetables
2022	HVCDP	Development of Integrated Nutrient Management Strategy for Improving Soil and Tomato Productivity	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Ongoing	Tomato
2022	HVCDP	Development of a Mobile Solar-Based Precooler for High Value Horticultural Crops	4A	UPLBFI	Completed	High Value Horticultural Crops
2022	HVCDP	Market Assessment on "Caoffee" Blend Utilizing Native Cacao and Coffee in Cagayan	2	Cagayan State University (CSU)	Completed	Cacao and Coffee
2022	HVCDP	Quinoa Seed Production and Market Potential towards Attainment of Food Security and	4A	UPLB	Completed	Quinoa

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		High Agricultural Productivity in the Philippines				
2022	HVCDP	Assessing the Market Potential of Pili Milk	5	DA-RFO 5	Ongoing	Pili
2022	HVCDP	Development and Optimization of M&M Plus (Moringa and Mungbean Plus) Nutrient Bar for Health and Wellness of Filipinos	4A	University of the Philippines Los Baños (UPLB)	Completed	Moringa and Mungbean
2022	HVCDP	Enhancing Latex Yield of Rubber Recommended Clones through Application of Stimulants towards a Sustained Productivity	9	Philippine Rubber Research Institute	Completed	Rubber
2022	HVCDP	Evaluation and Adoption of Entomopathogenic Fungi and Nematodes as Biopesticides to Manage Coffee Berry Borer ( <i>Hypothenemus hampei</i> ) and Other Major Insect Pests of Arabica Coffee	CAR	Benguet State University (BSU)	Ongoing	Coffee
2022	HVCDP	Enhancement of the Indoor Hydroponics System for Lettuce, Kale, Basil and Tomato Production in Makati City, Philippines	4A	Philippine Agriculture and Resources Research Foundation Inc. (PARRFI)	Ongoing	Lettuce, Kale, Basil and Tomato

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2022	HVCDP	Development of Site-Specific Nutrient Management (SSNM) for the Improvement of Queen Pineapple in Bicol Region	5	DA-RFO 5	Ongoing	Pineapple
2022	HVCDP	Development of an Electronic - Insecticide Management Application (E-IRM App) for Fall Armyworm (Spodoptera Frugiperda Smith) and Onion Armyworm (Spodoptera Exigua Hubner) in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Completed	Corn and Onion
2022	HVCDP	Development of Site-Specific Nutrient Management (SSNM) for Lakatan and Saba Banana in the Philippines	4A	UPLB	Completed	Banana
2022	HVCDP	Enhancing Regional Capacities on Urban Agriculture towards Nutrition-sensitive Crop Production through Edible Landscaping	4A	UPLBFI	Completed	Multi-crop
2022	HVCDP	Market Assessment and Refinement of Cocoa and Herb Mix Products	CAR	Benguet State University (BSU)	Ongoing	Cacao



<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2022	HVCDP	Market Assessment and Development of Vacuum Fried Chopsuey Chips	CAR	Benguet State University (BSU)	Completed	Vegetables
2022	HVCDP	Outscaling of Technologies for Urban Vertical Farming and Lakatan Banana Production towards Sustainable Food Systems in Region IV-A	4A	DA-RFO 4A	Ongoing	Vertical Farming & Lakatan Banana
2022	HVCDP	Outscaling of Technologies for Indoor Hydroponics Urban Farming Towards Sustainable Food Systems in Davao City, Philippines	11	DA-RFO 11	Ongoing	Various Vegetables
2022	AFMA	National Benchmarking and Assessment of Sorghum Production and Management	2	Isabela State University (ISU)	Completed	Sorghum
2022	AFMA	Spatial Suitability and Field Verification Trial of Seaweed Farming Technologies in Ilocos Norte	1	Mariano Marcos State University (MMSU)	Completed	Seaweed
2022	AFMA	Crop-Land Suitability Assessment for the Development of Web Applications for SMART Crop Production and Marketing	9	J.H. Cerilles State College (JHCSC)	Ongoing	Crops
2022	AFMA	Comparative Sensory Evaluation of Sandinella lemururu (Bali Sardinella)	NCR	NFRDI	Ongoing	Sardines

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		and other Sardine Species in Support to the Amendment of the CODEX Standard for Canned Sardines and Sardine-type Products (CXS 94-1981)				
2022	AFMA	Pilot co-culture of Holothuria scabra with Sea Urchin and Advanced Nursery Culture	NCR	Marine Environment and Resources Foundation, Inc. (MERF)	Ongoing	Sea Urchin
2022	AFMA	Establishment of DA RFO IV-CALABARZON Technology Business Incubation	4A	DA-RFO 4A	Ongoing	Cassava Purple Yam
2022	AFMA	Establishment of DA-RFO-12 SOCCSKARGEN Research Center Technology Business Incubation	12	DA-RFO 12	Ongoing	Mushroom, fruits and root crop based wines, cacao
2022	AFMA	Market Assessment and Refinement of Etag-based Food Products using Various Processing Technologies	CAR	Benguet State University (BSU)	completed	Swine
2022	AFMA	Market Assessment and Refinement of White Oyster Mushroom	5	DA-RFO 5	Ongoing	White Oyster Mushroom

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	AFMA	Strengthening Oyster Aquaculture in Anda, Bani, Bolinao, Alaminos and Sual (ABBAS) Municipalities of Pangasinan through the Bamboo Raft Technology	NCR	NFRDI	Ongoing	Oyster
2022	AFMA	Renewable Energy Powering Agriculture: Integration of Photovoltaic (PV) Technology with Farm Production Systems	3	Central Luzon State University (CLSU)	Ongoing	Fruits and vegetables/ rice/Solar-powered Hose-reel irrigation system
2022	AFMA	Evaluation of a Community-based Cage Culture of Siganids, Siganus spp. in Isabela	2	BFAR 2	Ongoing	Siganids
2022	AFMA	Performance Evaluation of Fermented Banana Peel as Supplement Ingredients for Oreochromis niloticus in Freshwater Pond Culture in Isabela	2	Isabela State University (ISU)	Ongoing	Tilapia
2022	AFMA	Evaluation of the Improved Protocol on Large Scale Production of Quality Planting Materials in Region 12	12	DA-RFO 12	Ongoing	High value crops
2022	AFMA	Enhanced Seaweed ( Kappaphycus spp.) Productivity through Pilot	9	BFAR 9	Ongoing	Seaweeds

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Deep-sea Circular HDPE Cage Farming System				
2022	AFMA	Scaling-out the utilization of IPB-Developed Seeds for Selected Lowland Vegetables towards Sustainable Seed System	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Vegetables
2022	AFMA	Scaling-out the utilization of Selected Registered Fruit Varieties and Other Native Fruit Species toward Sustainable Seed Network	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Fruits
2022	AFMA	GIS-Based Evaluation and Mapping of Groundwater Potential and Recharge Zone Areas in the Philippines for Sustainable Agriculture	NCR	DA-Bureau of Soils and Water Management (DA-BSWM)	Ongoing	
2022	AFMA	Pre-feasibility Study of Rehabilitation and Modernization of Communal Irrigation System Adaptive to Climate Change in Isabela and Cagayan	2	Isabela State University (ISU)	Ongoing	
2022	AFMA	Establishment of Coconut based Integrated Farming System towards Technology Adoption in Paquibato District, Davao City	11	DA-RFO 11	Ongoing	Coconut

<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2022	RFDG	Establishment of Corn Innovation Center in City of Ilagan, Isabela	2	City Local Government Unit of Ilagan	Completed	(Research Facility)
2022	RFDG	Rehabilitation of FDC's Food Technology Building (FTB) in Taguig, Metro Manila	NCR	DA-Food Development Center (DA-FDC)	Completed	(Research Facility)
2022	RFDG	Upgrading of Vermiculture and Vermicomposting Facility of BPI-LBNCRDPSC in Los Banos, Laguna	4A	Bureau of Plant Industry -Los Banos National Crop Research Development and Production Support Center (BPI-LBNCRDPSC)	Completed	(Research Facility)
2022	RFDG	Establishment of Technology Commercialization R&D Center at DA-RIARC MIMAROPA, Alcate, Victoria, Oriental Mindoro	4B	DA-RFO 4B MIMAROPA	Ongoing	(Research Facility)
2022	RFDG	Establishment of Mass Production Facility of Various Biological Control Agents in DA-Integrated Laboratory Division, Naujan, Oriental Mindoro	4B	DA-RFO 4B MIMAROPA	Ongoing	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	RFDG	Establishment of Organic Agriculture Research for Development and Extension Center in Surigao Del Sur State University-San Miguel	13	Surigao Del Sur State University (SDSSU)	Completed	(Research Facility)
2022	RFDG	Improvement of Biosecurity Facilities of the National Swine and Poultry Research and Development Center (NSPRDC) at Tiaong, Quezon	4A	Bureau of Animal Industry (BAI)	Completed	(Research Facility)
2022	RFDG	Establishment of Fisheries Innovation Center in Ilocos Sur Polytechnic State College, Narvacan, Ilocos Sur	1	Ilocos Sur Polytechnic State College (ISPSC)	Completed	(Research Facility)
2022	Corn	Development of Improved Composite Populations towards Improved Traditional White corn Varieties in Region 2	2	DA-RFO 2	Ongoing	Corn
2022	Corn	Development of Stress Tolerant CGUARD Populations towards Improved Productivity of White corn Varieties	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2022	Corn	National Benchmarking and Assessment of Sorghum Production and Management	2	Isabela State University (ISU)	Ongoing	Sorghum

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	Corn	Scaling Up Corn Breeding, Strategies for Better Grain Quality and Resiliency to Waterlogging and Philippine Downy Mildew	4A	UPLBFI	Ongoing	Corn
2022	Corn	Technology adaptation of Corn-livestock integration for food and silage production in Cagayan, Quirino and Nueva Viscaya	2	DA-RFO 2	Ongoing	Corn Livestock
2022	Corn	Screening of the Philippine Cassava Germplasm Accessions towards the Development of NSIC-RegiStered, Clean and Quality Cassava Planting Materials	4A	UPLBFI	Ongoing	Cassava
2022	Corn	Technology verification on corn-corn-soybean cropping system in Region 2	2	DA-RFO 2	Ongoing	Corn Soybean
2022	Corn	Technology verification on corn-corn-soybean cropping system in Bukidnon	10	DA-RFO 10	Ongoing	Corn Soybean
2022	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in Zamboanga del Norte	9	DA-RFO 9	Ongoing	Rice Corn Vegetables

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in Leyte	8	DA-RFO 8	Ongoing	Rice Corn Vegetables
2022	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in Quezon Province	4A	DA-RFO 4A	Ongoing	Rice Corn Vegetables
2022	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in Ilocos Region	1	DA-RFO 1	Completed	Rice Corn Vegetables
2022	Biotechnology	#KnowTheScience: Strengthening Biotech Links	4A	International Service for the Acquisition of Agri-biotech Applications (ISAAA)	Ongoing	
2022	Biotechnology	Communicating Crop Biotech Successes	3	Philippine Rice Research Institute (PRRI)	Ongoing	



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	Biotechnology	Rationalizing Agricultural Crop Biotechnology R&D using the Newly Established Crop Biotechnology Center and Facility	3	PhilRice	Ongoing	
2022	Biotechnology	Strengthening of Fisheries Biotechnology Research Development and Extension Agenda through Reoriented Functions and Operations of the DA Fisheries Biotechnology Center (FBC)	3	National Fisheries Research and Development Institute (NFRDI)	Ongoing	
2022	Biotechnology	Bolstering Innovative Research for Development Programs Leveraged through Local and International Funding Programs and Initiatives	3	Livestock Biotech Center	Ongoing	
2022	Biotechnology	Upgrading the Biosafety System Through Enhanced Information Accessibility and More Efficient and Streamlined Regulatory Process	NCR	Bureau of Plant Industry (BPI)	Ongoing	
2022	Biotechnology	Establishment of Sequencing Facility to Elevate the Research Capacities of Biotechnology Centers' R4D Network	3	Philippine Carabao Center (PCC)	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	Biotechnology	Establishment of CRISPR/Cas9 gene editing laboratory in fish and provision of technical skills training to research personnel	6	University of the Philippines Visayas (UPV)	Ongoing	
2022	Biotechnology	Optimization and Production of fish protein hydrolysates (FPH) from tuna viscera	6	University of the Philippines Visayas (UPV)	Ongoing	Tuna
2022	Biotechnology	Development and Field Testing of an Effective and Stable Biofungicide Formulation(s) against Fusarium Wilt of Banana caused by Fusarium oxysporum f. sp. Cubense Tropical Race 4 in the Philippines	4A 11	UPLBFI	Ongoing	Banana
2022	Biotechnology	Generation of Resistance to Fusarium Wilt (Fusarium oxysporum fsp cubense Tropical Race 4) in Cavendish Grand Naine through Somaclonal Variation: Generation of putative somaclonal variants from in vitro screening and shoot culture techniques	4B	UPLBFI	Ongoing	Banana
2022	ACEF-RFDG	Upgrading of the Tissue Culture Facility at Central Luzon State University	3	Central Luzon State University (CLSU)	Ongoing	(Resarch Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	ACEF-RFDG	Upgrading of Abaca Nursery Facility in Jose Rizal Memorial State University -Tampilisan Campus, Zamboanga del Norte	9	Jose Rizal Memorial State University (JRMSU)	Ongoing	(Resarch Facility)
2022	ACEF-RFDG	Upgrading and Expansion of the Moringa Processing Facility Into an Herbal Drying and Grinding Facility in MMSU, Ilocos Norte	1	Mariano Marcos State University (MMSU)	Ongoing	(Resarch Facility)
2022	ACEF-RFDG	Upgrading of Freshwater Fish Hatchery and Facilities of MSC Gasan Branch	4B	Marinduque State College (MSC)	Ongoing	(Resarch Facility)
2022	ACEF-RFDG	Upgrading of Livestock Semen Laboratory and Processing Center of MSU-Naawan	10	Mindanao State University (MSU)	Ongoing	(Resarch Facility)
2022	ACEF-RFDG	Upgrading of Tissue Culture Laboratory Facility in Partido State University at Salogon Campus	5	Partido State University (ParSU) [2]	Ongoing	(Resarch Facility)
2022	ACEF-RFDG	Upgrading of Virus Indexing Laboratory of Quirino State University Towards Efficient Production of Disease Free Tissue Cultured and Macro-Propagated Banana	2	Quirino State University (QSU) [3]	Ongoing	(Resarch Facility)

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2022	ACEF- Support to Technology Commercialization	Strengthening Moringa Industry in Ilocos Region through Public-Private Partnership towards Enterprise Development	1	Mariano Marcos State University (MMSU)	Ongoing	Moringa
2022	ACEF- Support to Technology Commercialization	Enterprise Development and Technology Transfer of Chevron-based Products Original title: Commercialization of Innovative Chevron-based Food Products	3	Central Luzon State University (CLSU)	Ongoing	Chevon
2022	ACEF- Support to Technology Commercialization	Establishment of Davao del Sur State College Agriculture and Fisheries Technology Business Incubation	11	Davao del Sur State College (DSSC)	Ongoing	Fisheries
2022	ACEF- Support to Technology Commercialization	Establishment of Marinduque State College Fishery Technology Business Incubation	4B	Marinduque State College (MSC)	Ongoing	Fisheries
2022	ACEF- Support to Technology Commercialization	Expanding the Operation of the DA-BAR TBI Program of CapSU	6	Capiz State University (CapSU)	Ongoing	
2022	ACEF- Support to Technology Commercialization	Expanding the Operation of the DA-BAR TBI Program of PSAU	3	Pampanga State Agricultural University (PSAU)	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	ACEF- Support to Technology Commercialization	Expanding the Operation of the DA-BAR TBI Program of VSU	8	Visayas State University (VSU)	Ongoing	
2022	ACEF- Support to Technology Commercialization	Scaling up of Dairy Cattle Enterprise through Adoption of Formulated Feed Technology	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Cattle
2022	Rice	OneRicePH: Development of Product Concepts for Target Rice Market Segments and Establishment of the Breeding Network (2022) PhilRice Component	3	PhilRice	Ongoing	Rice
2022	Rice	OneRicePH: Development of Product Concepts for Target Rice Market Segments and Establishment of the Breeding Network (2022) IRRI Component	4A	IRRI	Ongoing	Rice
2022	Rice	OneRicePH: Development of Product Concepts for Target Rice Market Segments and Establishment of the Breeding Network (2022) UPLB Component	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	Rice	Enhancing Decision Support System to Guide Enabling Rice Policies (EDGE) 2022-PhilRice Component	3	PhilRice	Ongoing	Rice
2022	Rice	Enhancing Decision Support System to Guide Enabling Rice Policies (EDGE) 2022-IRRI Component	4A	IRRI	Ongoing	Rice
2022	Rice	Rice Business Innovations Systems (RiceBIS) Community Program (9 sites) -2022	1 2 3 4A 5 7 12 13	PhilRice	Ongoing	Rice
2022	Rice	Pest Risk Identification and Management (PRIME) Transition of Operations to DA-IRRI Component	3 2 CAR 1 5 6 4A 4B 7 8 9 10 11 12 13	IRRI	Ongoing	Rice
2022	Rice	Survey on Cost and Return Study on Palay Production	Nationwide	PSA	Ongoing	Rice
2022	Rice	Scaling-out the Rice Crop Manager (RCM) through State College and Universities (SUCs) Extension and Instruction- West Visayas State University (WVSU) Component	6	WVSU	Ongoing	Rice
2022	Rice	Scaling-out the Rice Crop Manager (RCM) through State College and Universities (SUCs) Extension and	2	Isabela State University (ISU)	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Instruction-Isabela State University (ISU) Component				
2022	Rice	Scaling-out the Rice Crop Manager (RCM) through State College and Universities (SUCs) Extension and Instruction-Mindoro State University Component	4B	Mindoro State College of Agriculture and Technology (MinSCAT)	Ongoing	Rice
2022	Organic Agriculture	Evaluation of Different Types and Rates of Organic Fertilizer on Growth Performance of Queen Pineapple in Camarines Norte	5	DA-RFO 5	Ongoing	Pineapple
2022	Organic Agriculture	Development of Alternative Feed Ration for Naturally-Grown Native Chicken in Camarines Sur	5	DA-RFO 5	Ongoing	Chicken
2022	Organic Agriculture	Establishing the Nutrient Value of Black Soldier Fly Larvae (BSFL) as Feed for Free-Range Chickens	3	Central Luzon State University (CLSU)	Ongoing	Chicken
2022	Organic Agriculture	Biochar: Effects of Microbe-loaded Biochar on Soil Fertility, Microbial Diversity, and Soil-borne Diseases in Organic Vegetable Production	13	Caraga State University (CarSU)	Ongoing	Vegetables
2022	Organic Agriculture	Development of An Automated-Solar (Autosolar) Powered Bio Waste Processing Machine	2	Isabela State University (ISU)	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2022	Organic Agriculture	Costs and Valuation of Conversion from Conventional to Organic Agriculture	4A	University of the Philippines Los Baños (UPLB)	Completed	
2022	Organic Agriculture	Outscaling of Selected Vegetable Seed Production in support to National Urban and Peri-Urban Agriculture Program (NUPAP)	NCR	Bureau of Plant Industry (BPI)	Ongoing	Vegetables
2022	Corn	Expanded Collection, conservation and Evaluation of Traditional corn towards Development of Improved Varieties in Region IV-CALABARZON	4A	DA-RFO 4A	Ongoing	Corn
2022	Corn	Technology verification of corn - corn -soybean cropping system in South Cotabato"	12	DA-RFO 12	Ongoing	Corn
2022	Corn	Reconstitution of traditional corn varieties towards improved grain yield performance in Central Visayas"	7	DA-RFO 7	Ongoing	Corn
2022	Corn	Use of optimum fertilization strategy to increase productivity of corn in various ecosystems in Cagayan Valley"	2	DA-RFO 2	Ongoing	Corn



<b>Year Implemented</b>	<b>Program</b>	<b>Title</b>	<b>Region</b>	<b>Implementing Agency / Beneficiaries</b>	<b>Status</b>	<b>Commodity</b>
2022	Biotechnology	Assessment and Molecular Detection of Abaca Virus Diseases Using Sensitive Tools: Updating Nature of Diseases and Incidence	13	Caraga State University (CarSU)	Ongoing	Abaca
2022	Biotechnology	Molecular Detection of Abaca Bunchy Top Virus and its Application to Plant Tissue Culture for the Production of Virus-Free Planting Materials	13	Jose Rizal Memorial State University (JRMSU)	Ongoing	Abaca
2022	Biotechnology	Promotion of Mudfish Breeding and Farming Technologies in Western Visayas for Increased Aquaculture Production	6	NFRDI	Ongoing	Mudfish
2022	Biotechnology	Development of a Prototype Loop-Mediated Isothermal Amplification (LAMP) Assay for the Detection or Screening of Lumpy Skin Disease (LSD)	3	Philippine Carabao Center (PCC)	Ongoing	
2022	Biotechnology	Conduct of Identified Biotech Policy Research and Advocacy (PRA) Studies on: Low-Level Presence, GM Animal Regulatory Capacity, and Institutionalization of Biotech Offices	NCR	Biotechnology Coalition of the Philippines (BCP)	Ongoing	

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2023	HVCDP	Market Assessment and Refinement of Pak Gulay Food Products towards Market Expansion	2	DA-RFO 2	Ongoing	Vegetables
2023	HVCDP	Market Assessment and Bench Scale Production of PhenoFera and Diaferin	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Mango
2023	HVCDP	Market Development and Expansion of Mang Bean Instant Ginisang Munggo and Instant Mang Bean Noodles Food Products	2	DA-RFO 2	Ongoing	Mungbean
2023	HVCDP	Market Assessment and Refinement of Veggie Chips in Camarines Norte	5	DA-RFO 5	Ongoing	Vegetables
2023	HVCDP	Market Assessment and Refinement of Cardaba Banana Flour in Region XI	11	DA-RFO 11	Ongoing	Banana
2023	HVCDP	Phase 2: Development of Site-Specific Nutrient Management (SSNM) for Lakatan and Saba Banana in the Philippines	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Banana
2023	HVCDP	Phase 2: Development of a Mobile Solar-Based Precooler for High Value Horticultural Crops	4A	UPLBFI	Ongoing	High Value Horticultural Crops

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2023	HVCDP	Phase 2: Improvement of Flowering, Seed Setting Abilities and Quality of Red Bulb Onion and Shallots towards Local Seed Production	3	Central Luzon State University (CLSU)	Ongoing	Onion
2023	HVCDP	Phase 2: Development of Zero Energy Cool Chamber (ZECC) to Extend Shelf Life and Maintain Quality of Fruits and Vegetables Grown in Isabela	2	DA-RFO 2	Ongoing	Fruits and Vegetables
2023	HVCDP	Phase 2: Development of Site-Specific Nutrient Management (SSNM) for the Improvement of Queen Pineapple in Bicol Region	5	DA-RFO 5	Ongoing	Pineapple
2023	HVCDP	Phase 2: Genetic Improvement of 'Adlai' (Coix lacryma-jobi) in the Philippines: Genetic Profile of Existing Adlai Germplasm	3	Philippine Rice Research Institute	Ongoing	Alday
2023	HVCDP	Productivity Assessment of Robusta Coffee applied with Organic and Inorganic Fertilizers in Mindanao	12	University of Southern Mindanao (USM)	Ongoing	Coffee
2023	HVCDP	Phase 2: Scaling-Out the Utilization of Selected Registered Fruit Varieties and Other Native Fruit	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Fruits

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Species toward Sustainable Seed Network				
2023	HVCDP	Phase 2: Scaling-Out the Utilization of IPB-Developed Seeds for Selected Lowland Vegetables towards Sustainable Seed System	4A	University of the Philippines Los Baños (UPLB)	Completed	Fruits
2023	HVCDP	Enhancing Productivity in Highland Vegetables in Nueva Vizcaya through Improved Soil Nutrient and Pest Management Strategies anchored on Good Agricultural Practices (GAP)	2	DA-RFO 2	Ongoing	Vegetables
2023	HVCDP	Enhancement of Farm-ready Lowland Vegetable Seedling Production using Flood and Drain System and Indoor Cultivation for Urban and Peri-Urban Areas	NCR	Bureau of Plant Industry (BPI)	Ongoing	Vegetables
2023	HVCDP	Development of an Electronic - Management of Insecticide Resistance Application (e-MIR App) for Onion Armyworm, Spodoptera Exigua Hubner in the Philippines	4A	UPLB	Ongoing	Onion
2023	HVCDP	Phase 2: Evaluation and Adoption of Entomopathogenic Fungi and Entomopathogenic Nematodes as	CAR	BSU	Ongoing	Coffee

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Biopesticides to Manage Coffee Berry Borer ( <i>Hypothenemus hampei</i> ) of Arabica Coffee				
2023	HVCDP	Quinoa Adaptation in the Philippines: Improvement on Propagation and Marketability towards a Sustainable Commercial Production in the Identified Suitable Areas	4A	UPLB	Ongoing	Quinoa
2023	HVCDP	Analysis of Food Demand and Supply Structure in the Municipalities of Hermosa and Dinalupihan, Bataan (Zero Kilometer Food Project or 0 KM)	3	BPSU	Ongoing	Various Crops
2023	HVCDP	Scaling-out of Off-Season Onion Production in Nueva Vizcaya and Cagayan	2	DA-RFO 2 Research Division Nueva Vizcaya Experiment Station	Ongoing	Onion
2023	AFMA	Product Standardization and Market Study of an Innovative Emergency Seafood Product	6	University of the Philippines Visayas (UPV)	Ongoing	Seafood

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2023	AFMA	Automation System for Intensive Fry Production of <i>Oreochromis niloticus</i> -Phase 2	3	National Fisheries Research and Development Institute (NFRDI)	Ongoing	Tilapia
2023	AFMA	Renewable Energy Powering Agriculture: Integrating Agrivoltaic (AV) Technology in Farm Production System	2	Central Luzon State University (CLSU)	Ongoing	
2023	AFMA	Establishment of a Solar-powered and IOT supported Aquaponics System	6	Capiz State University (CapSU)	Ongoing	Fisheries
2023	AFMA	Pilot Co-culture of <i>Holothuria scabra</i> with sea urchin and advanced nursery culture (Year 2)	1	Marine Environment and Resources Foundation, Inc. (MERF)	Ongoing	Sea cucumber
2023	RFDG	Establishment of Research for Development (R4D) Vermicomposting Facility at the Bureau of Soils and Water Management -National Soil and Water Resources Research and Development Center for Hillyland	4A	DA-Bureau of Soils and Water Management (DA-BSWM)	Ongoing	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Pedo-ecological Zone (BSWM-NSWRRDC HILLPEZ)				
2023	RFDG	Upgrading of the Plant Genetic Resources Center in Cordillera Administrative Region	CAR	DA-RFO CAR	Ongoing	(Research Facility)
2023	RFDG	Establishment of Plant Health Hub in Malaybalay, Bukidnon	10	DA-RFO 10	Ongoing	(Research Facility)
2023	RFDG	Establishment of Cacao Research for Development (R4D) Center in Tiaong, Quezon	4A	DA-RFO 4A	Ongoing	(Research Facility)
2023	RFDG	Establishment of Regional Integrated Food Processing Laboratory in SOCKSARGEN Region	12	DA-RFO 12	Ongoing	(Research Facility)
2023	RFDG	Upgrading of the National Swine and Poultry Research and Development Center (NSPRDC) Swine Production Facility in Tiaong, Quezon	4A	DA-Bureau of Animal Industry (BAI)	Ongoing	(Research Facility)
2023	RFDG	Upgrading of Tilapia Germplasm Bank at BFAR-National Freshwater Technology Center (NFTC), Science City of Muñoz, Nueva Ecija	3	DA-Bureau of Fisheries and Aquatic Resources - National Freshwater	Ongoing	(Research Facility)

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Technology Center (NFTC)		
2023	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in Zamboanga	9	DA-RFO 9	Ongoing	Rice Corn Vegetables
2023	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in Region 8	8	DA-RFO 8	Ongoing	Rice Corn Vegetables
2023	SCALE-UP	Yamang Lupa - Sustainable Community-based Action R4DE for Livelihood Enhancement, Upliftment, and Prosperity (YL - SCALE UP) in 4a	4A	DA-RFO 4A	Ongoing	Rice Corn Vegetables
2023	Adlay	Phase 2: Genetic Improvement of Adlai (Coix lacryma-jobi) in the Philippines: Genetic Profile of Existing Adlai Germplasm	3	Philrice	Ongoing	Adlay
2023	Rice	Linking Enhanced Decision Support System and Enabling Rice Policies (EDGE 2023) -PhilRice Component	Nationwide	PhilRice	Ongoing	Rice



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2023	Rice	Linking Enhanced Decision Support System and Enabling Rice Policies (EDGE 2023) -PhilRice Component	Region 3	IRRI	Ongoing	Rice
2023	Rice	OneRicePH Demand-driven Product Development and Deployment in Target Market Segments (2023)- PhilRice Component	Nationwide	PhilRice	Ongoing	Rice
2023	Rice	OneRicePH Demand-driven Product Development and Deployment in Target Market Segments (2023)- UPLB Component	3 2 6 7 13 10 5 4A 12 1 8	University of the Philippines Los Baños (UPLB)	Ongoing	Rice
2023	Rice	OneRicePH Demand-driven Product Development and Deployment in Target Market Segments (2023)- IRRI Component	3 2 6 7 13 10 5 4A 12 1 8	IRRI	Ongoing	Rice
2023	Rice	Development of Innovation System for Climate Smart Pest Management in Rice (2023) - BPI Component	6	Bureau of Plant Industry (BPI)	Ongoing	Rice
2023	Rice	Development of Innovation System for Climate Smart Pest Management in Rice (2023) - IRRI Component	6	IRRI	Ongoing	Rice

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2023	Rice	Development of Innovation System for Climate Smart Pest Management in Rice (2023) - PhilRice Component	6	PhilRice	Ongoing	Rice
2023	Rice	Assessment of Digital Tools for Data-driven Decision Making on Rice based Agri-food Systems in the Philippines (D4AgPH)	4A	IRRI	Ongoing	Rice
2023	Organic Agriculture	Influence of Low-Cost Pelleted Feed Using Madre de Agua as Protein Source in the Growth Performance and Meat Quality of Growing-Finishing Native Pigs	NCR	Bureau of Animal Industry (BAI)	Ongoing	Native Pigs
2023	Organic Agriculture	Feeding Value of Black Soldier Fly Larvae Meal in Chickens	3	Central Luzon State University (CLSU)	Ongoing	Chicken
2023	Organic Agriculture	BIOCHARTILANT: On-farm Multi-location Evaluation on Soil Fertility, Microbiota Diversity, Incidence and Severity of Soilborne Diseases, and Yield and Productivity of Tomato and Bitter Gourd in Organic Vegetable Production	13	Caraga State University (CarSU)	Ongoing	Tomato Bitter Gourd

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2023	Organic Agriculture	Optimization of Composting Protocol using <i>A. niger</i> as Organic Inoculant for the Removal of Antibiotics in Chicken Manure for Utilization in Fertilizer Production	3	Central Luzon State University (CLSU)	Ongoing	Chicken
2023	Organic Agriculture	Growth and Yield Performance of Queen Pineapple using Different Rates and Combinations of Vermicast, Chicken Dung, Foliar Fertilizer, and Organic Concoctions in Organic Production System	5	DA-RFO 5	Ongoing	Pineapple
2023	Organic Agriculture	Impact Assessment of Relevant Philippine National Standards on Organic Agriculture	4A	University of the Philippines Los Baños (UPLB)	Ongoing	
2023	Corn	Collection, Conservation and characterization of traditional corn germplasm in Benguet, Mt. Province, and Abra	CAR	DA-RFO CAR	Ongoing	Corn
2023	Corn	Evaluation of Promising and New Accessions of Philippine Traditional Maize against Asian Corn Borer, <i>Ostrinia furnacalis</i> (Guenee), Corn Weevil, <i>Sitophilus zeamais</i> (Motschulsky_ and Fall	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Armyworm, <i>Spodoptera frugiperda</i> (Smith)				
2023	Corn	Integrated Farm Attribution for Risk and Resource Monitoring and management (iFARM) System Verification in corn Producing Arreas at Cuartero, Capiz	6	DA-RFO 6	Ongoing	Corn
2023	Corn	Improvement of Traditional Corn Varieties in Western Visayas through Reconstitution, Composite Formation and Recurrent Selection	6	DA-RFO 6	Ongoing	Corn
2023	Corn	Enhanced Variety and Availability of Seeds of Corn Varieties Developed from Traditional corn Varieties in CARAGA Region	13	DA-RFO CARAGA	Ongoing	Corn
2023	Corn	Expanded Seed Production of South Cotabato Improved tiniguib and Productivity Enhancement of Composites of different Grain Types Developed from Traditional Corn Germplasm in Region 12	12	DA-RFO 12	Ongoing	Corn
2023	Corn	Integrated Farm Attribution for Risk and Resource Monitoring and management (iFARM) System Verification in selected Corn	10	DA-RFO 10	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Producing Barangays in the city of Malaybalay, Bukidnon				
2023	Corn	Verification of the Integrated Farm Attribution for Risk and Resource Monitoring and management (iFARM) System in corn Production Vulnerable Areas in Cagayan	2	DA-RFO 2	Ongoing	Corn
2023	Corn	Technology verification of Cassava Soybean Intercropping in the Province of isabela	2	DA-RFO 2	Ongoing	Soybean
2023	Corn	Development of Open- Pollinated White corn Varieties for Region 2: a Market Demand Approach for Food Staple and Food processing Business enterprise	2	DA-RFO 2	Ongoing	Corn
2023	Corn	Combined Digital Technologies (CodTech): An enhanced Monitoring, Assessment, and Risk Advisories of Fall Army worm and Phaeosphaeria Leaf spot and Leaf blight Disease in Corn	4A	UPLBFI	Ongoing	Corn
2023	Corn	Enhancing formulation and Mass production Protocol of Metarhizium rileyi in Integrated	4A	UPLBFI	Ongoing	Corn

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Pest Management for Armyworms in Corn Production				
2023	Corn	Development of Improved Traditional Corn Varieties in Region 2	2	DA-RFO 2	Ongoing	Corn
2023	Corn	Breeding for Resilience: Evaluation of Corn Varieties against Philippine downy Mildew and Waterlogging	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2023	Corn	Varietal Development and Improvement of CGUARD Populations for Regional Utilization	4A	University of the Philippines Los Baños (UPLB)	Ongoing	Corn
2023	Corn	Verification of the Integrated Farm Attribution for Risk and Resource Monitoring and Management (iFARM) system in Production Vulnerable areas in Albay	5	DA-RFO 5	Ongoing	Corn
2023	Corn	Development of Improved composite Population towards improved traditional corn varieties in Region 4A	4A	DA-RFO 4A	Ongoing	Corn
2023	Corn	Characterization and Evaluation of Four Local Soybean Cultivars in CARAGA Region	13	DA-RFO CARAGA	Ongoing	Soybean

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
2023	Corn	Corn-corn-soybean cropping system technology verification in CARAGA Region	13	DA-RFO CARAGA	Ongoing	Corn
2023	Corn	Verification of the Intergated Farm Attribution for Risk and Resource Monitoring and Management (iFARM) system in Corn Production Vulnerable areas in Region 12	12	DA-RFO 12	Ongoing	Corn
2023	Corn	Verification of the Integrated Farm Attribution for Risk and Resource Monitoring and management (iFARM) System in corn Production Vulnerable Areas in MIMAROPA	4B	DA-RFO 4B MIMAROPA	Ongoing	Corn
2023	Corn	Optimum Fertilization and Pesticide Use Strategy to increase corn productivity and conserve soil health in various ecosystems in Cagayan Valley	2	DA-RFO 2	Ongoing	Corn
2023	Corn	improvement Performance of Grain through Reconstitution and Improvement of Traditional Corn Varieties in Region 7	7	DA-RFO 7	Ongoing	Corn
2023	Biotechnology	Bridging and Upgrading Mechanisms and Pathways for the	4A	Southeast Asian Regional Center for Graduate	Ongoing	

Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
		Uptake of Biotech (BUMP UP Biotech)		Study and Research in Agriculture		
2023	Biotechnology	Awareness Building on Biotechnology and Products of Philippine Biotechnology (Conventional and Modern Biotechnology)	4A	International Service for the Acquisition of Agri-biotech Applications (ISAAA)	Ongoing	
2023	Biotechnology	Establishment of the DA Food Development Center's Molecular Biology and Bioinformatics Laboratory (MBBL) for Research and Training on Food and Microbial Biotechnology	4A	UPLBFI	Ongoing	
2023	Biotechnology	Adoption of Molecular Markers Technology for Seed Testing and Varietal Identification on Seed/Plant Material Certification	NCR	Bureau of Plant Industry (BPI)	Ongoing	
2023	Biotechnology	Advancement of Agribiotech Research and Capacity Building of the DA-Crop Biotechnology Center	3	PhilRice	Ongoing	
2023	Biotechnology	Building Capabilities for Sustainable Operations of the Fisheries Biotechnology Center	3	National Fisheries Research and	Ongoing	Fisheries



Year Implemented	Program	Title	Region	Implementing Agency / Beneficiaries	Status	Commodity
				Development Institute (NFRDI)		
2023	Biotechnology	Capability Buidling on Responding to Challenges of the Philippine Livestock Sector	3	Philippine Carabao Center (PCC)	Ongoing	Livestock
2023	Biotechnology	Process Development for the Production and Extraction of Key Components of Biodegradable and Antimicrobial Food Packaging	4A	University of the Philippines Los Baños (UPLB)	Ongoing	
2023	Biotechnology	Promotion of Breeding and Farming Technologies of Commercially Important Freshwater Fishes for Increased Aquaculture Production (Phase II)	3	National Fisheries Research and Development Institute (NFRDI)	Ongoing	Fisheries