

LIST OF PROJECT BY KEY PRODUCTION AREAS WITH ITS CORRESPONDING BENEFICIARIES, 2014-2016
PHILIPPINE RICE RESEARCH INSTITUTE (PRRI)

Key Programs/Projects	Program/Project Description/Objectives	Beneficiaries
KRA II. POVERTY REDUCTION AND EMPOWERMENT OF THE POOR AND VULNERABLE		
Developing Technologies to Break the Low Rice Yield Barriers in Rainfed, Upland, & Other Adverse Environments Program	To increase production and profitability of rice farming in the rainfed, upland, and abiotic stress-prone environments	Farmers, LGUs and extension workers specifically in the provinces of Nueva Ecija, Apayao, Isabela, Ilocos Norte and Sur, Agusan Norte and Sur, Surigao del Norte, Negros, Iloilo, Leyte, Bohol, Camarines Sur, Palawan, Quezon, Laguna, Tarlac, North and South Cotabato, Lanao Sur and Maguindanao
High Value Added Products from Rice and Its Environment Program	Develop, evaluate and refine value-adding systems to increase the value and profitability of rice farming and processing of new products as an enterprise	Farmers, LGUs and extension workers specifically in the provinces of Ilocos Norte, Nueva Ecija, Benguet, Mt. Province, Metro Manila & Laguna
Farming without Fossil Energy Program	Develop alternative, renewable, diversified and decentralized energy resource systems for and from rice-based agriculture, and at the same time improve the energy resource use efficiency in rice-based farming.	Farmers, LGUs and extension workers in the Philippines
Intensified Rice-based Agri-bio Systems Program	Increase income by purposive integration of certain farming components that will enhance rice and rice-based crops productivity, profitability and sustainability, cost reduction, value-adding through product processing and utilization rice-biomass and mechanization	Farmers, LGUs and extension workers in the Philippines
FutureRice Program	Aims to revolutionize and transform our food production and delivery system through the application of engineering, information technology, and biotechnology by upgrading the skills of extension agents and farmers on green, practical, and smart farming. Finally, these efforts must act as catalysts to transform farming communities into ecologically vibrant and competitive economies	Farmers, LGUs and extension workers in the Philippines
Plant Breeding and Biotechnology Division (PBBD)	To ensure stable and sustainable rice production through the development of high-yielding, pest and abiotic stress-resistant and good grain quality rice varieties suitable to major rice growing ecosystems	Farmers, LGUs and extension workers in the Philippines

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Genetic Resources Division (GRD)	Ensures availability of fully characterized germplasm to rice plant breeders and researchers	Farmers, LGUs and extension workers in the Philippines
Agronomy, Soils and Plant Physiology Division (ASPPD)/Intensified Rice-Based Agri-Bio Systems	Leads research efforts to evaluate, refine, and facilitate the delivery of improved soil, nutrient, and water management practices to enhance soil quality and profitability	Farmers, LGUs and extension workers in the Philippines
Crop Protection Division (CPD)	Generate, develop and promote pest management strategies, which are environment-friendly, economical, sustainable, and compatible with each other to address farmers' needs.	Farmers, LGUs and extension workers in the Philippines
Rice Chemistry and Food Science Division (RCFSD)/High-Value Products from Rice and its environment	Determine grain quality characteristics of rice; develop technologies on other uses of rice and its by-products; and promote these high-quality and value-added products to benefit consumers/farmers and food manufacturers	Farmers, LGUs and extension workers in the Philippines
Rice Engineering and Mechanization Division (REMD)/Farming without fossil	Develop machines and tools to increase the national level of farm mechanization and modernize rice production and postharvest operations to increase farm efficiency and productivity.	Farmers, LGUs and extension workers in the Philippines
Socioeconomics Division (SED)	Conducts research and policy studies to help develop an efficient, competitive; and sustainable rice industry, nurtured by sound policy environments.	Farmers, LGUs and officials, extension workers, Senate and house of representatives

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Crops Biotechnology Center (CBC)	Implements a rationalized, effective, and efficient agricultural biotechnology R&D program for the Department of Agriculture with the end view of generating improved agricultural technologies, productivity, profitability and enhanced commercial potential, value, and activities for agricultural crops.	Farmers, LGUs and extension workers in the Philippines
Development Communication Division (DevCom)	Promotes rice science for sustainable development through strategic use of communication media.	Farmers, LGUs and extension workers in the Philippines
Technology Management and Services Division (TMSD)	Promotes/disseminates high-impact rice technologies through area-based technology promotion, and training and education to help increase the productivity and income of rice farmers'.	Farmers, LGUs and extension workers in the Philippines
Information Systems Division (ISD)	To interactively and collaboratively cater to the data information needs of rice stakeholders.	Farmers, LGUs and extension workers in the Philippines

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PhilRice Batac	Serves as the nucleus or core for development and improvement of intensified rice-based agri-bio systems (IRBAS) technologies and enterprises in semi-arid areas and other environments in Northwestern Luzon. It shall also develop technologies and management options for rice and rice-based crops in the rainfed and drought-prone environments, such as water harvesting, conservation and management, and mechanized rice-based farm production and postproduction operations.	Farmers, LGUs and extension workers specifically in Regions 1 (excluding Pangasinan), and CAR (Abra and Apayao)
PhilRice Isabela	Focuses on development of IRBAS technology packages and enterprises for Northeastern Luzon that also features the high-yielding yet low-cost 10-5 (10 tons per hectare at Php 5.00 per kg palay unit production cost) technology system anchored on hybrid rice.	Farmers, LGUs and extension workers specifically in CAR (except Abra and Apayao) and Region 2 (Cagayan, Isabela, Quirino, and Nueva Vizcaya)
PhilRice Los Baños	In addition to being the Institute's principal office, serves as nucleus for developing and radiating IRBAS technology and enterprise systems in the Calabarzon region (Region IV-A). Its partnership with IRRRI and host, UPLB will also focus on basic research studies in plant breeding, crop protection, agronomy and soils, rice chemistry and food science for the generation of new products out of invention, innovation or discovery. The station also shall oversee the development of PhilRice Mindoro satellite station as the IRBAS nucleus estate model for the entire Mindoro Island.	Farmers, LGUs and extension workers specifically in Region 4
PhilRice Bicol	Develops and promotes IRBAS technology packages and enterprise systems for the Bicol Region with special focus on climate change adaptation and resilience. It will also shepherd the PhilRice Samar satellite station which will be developed as the IRBAS-focused nucleus to spur rural transformation and development and attain inclusive growth in the entire Samar Island.	Farmers, LGUs and extension workers specifically in Region 5 and 6
PhilRice Negros	Pilot-tests, fine-tunes and radiates fossil fuel-free IRBAS technology packages and enterprises for Western Visayas, even as it is being transformed into an organic rice-based integrated and diversified product development center.	Farmers, LGUs and extension workers specifically in Regions 7 and 8

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PhilRice Agusan	The Institute's IRBAS nucleus estate for Northern Mindanao. Similar to PhilRice Bicol, it will also refine and promote IRBAS technologies and enterprises to CARAGA communities vulnerable to adverse effects of climate change. Moreover, it will also address challenges, such as nutrient-deficient and problem soils and low solar radiation in the area because of frequent rainfall. It also oversees the PhilRice CMU field station and office located inside the Central Mindano University campus in Maramag, Bukidnon, where 100 hectares have been made available by CMU to PhilRice for rice seed production and IRBAS technology and enterprise development and promotion in Central Mindanao. In addition, PhilRice Agusan also initially supervises the development of the PhilRice Zamboanga satellite station into the IRBAS nucleus estate model for the Zamboanga Peninsula.	Farmers, LGUs and extension workers specifically in Mindanao
PhilRice Midsayap	Transformed to be the IRBAS nucleus estate model for Southern Mindanao, with focus on ecological engineering and integrated pest management practices because of the prevalence of pests of rice and other crops within the region	
KRA V. INTEGRITY OF THE ENVIRONMENT AND CLIMATE CHANGE MITIGATION AND ADAPTATION		
Coping with Climate Change Program	Help bring about clear and judicious understanding of the current and future impacts (i.e biophysical, socioeconomic, etc.) of climate change, including variability and extremes on Philippine rice farming systems.	Farmers, LGUs and extension workers in the Philippines