

LIST OF PROGRAMS/DIVISIONS WITH CORRESPONDING OBJECTIVES AND BENEFICIARIES, FY 2018
PHILIPPINE RICE RESEARCH INSTITUTE (PRRI)

Programs/Divisions	Objectives	Beneficiaries
Climate-Resilient and Competitive Rice and Rice-Based Farming Systems	Help reduce the incidence of poverty, hunger, and malnutrition in rural farming communities, especially during the incidence of calamities, among others, the program will also deal on the development of safe and nutritious products derived from rice and rice-based farms	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Hybrid Rice	Addresses crop management research aimed at increasing grain yield and reducing cost of hybrid rice production. It also includes research on seed purification and multiplication techniques to develop nucleus and breeder seed, seed quality testing, improvement of seed quality standards, and technical support in hybrid seed production and seed certification training	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Rice Seed Systems	Evaluate the current production and postharvest protocol and operations in the generation seed multiplication systems of inbred and hybrid and establish appropriate protocols to improve seed quality assurance and production efficiency.	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Rice Farm Modernization and Mechanization	Complement in addressing increased productivity and profitability of farming; rice trade improvement for better post-production processes leading to enhanced value of the rice and rice-based products. Inputs to formation of policies by providing clear technology recommendations and science-based decisions	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Rice Business Innovation	aims to create and pilot test a development model for community transformation that is participatory, market-driven, and supported by a scientific production base to improve the competitiveness of rice-based farming communities	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Science-based Policies in Advancing Rice Communities	Focus on six key areas (systems, policies, and standards; policy brief/paper; policy ordinances, campaigns; rice technology adoption and yield gap reduction in provincial agricultural development programs; databasing) are geared at making rice production technologies available and accessible to the main stakeholders with the end in view of making our rice industry regionally competitive.	Farmers, LGUs and officials, extension workers, Senate and house of representatives
Transforming Rice Farming Communities into Rice-Based Enterprise Hubs for Inclusive and Sustainable Growth (RiceBIS)	Seeks to: 1) examine the community's rice supply and market chain including the input suppliers, producers, processors, traders, and consumers as well as market opportunities; 2) implement a social mobilization and communication strategy to increase awareness, interest, and willingness of target participants in engaging in rice-based enterprises; 3) enhance the technical, organizational, and entrepreneurial capability of farmers and other stakeholders to engage in rice-based enterprises; 4) develop and implement rice-based enterprise plans; and 5) develop a sustainability mechanism for the identified rice-based enterprises.	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Plant Breeding and Biotechnology	Seeks 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, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Genetic Resources	Carries out germplasm collection, conservation, management, dissemination and utilization. It ensures availability of fully characterized germplasm to rice plant breeders and researchers. It also conducts research on genetic diversity	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines

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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 and plant resource use efficiency.	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Crop Protection	Help attain rice self-sufficiency and build a competitive rice economy through the generation, development, and promotion of pest management strategies, which are environment-friendly, economical, sustainable, and compatible with each other to address farmers' needs	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Rice Chemistry and Food Science	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, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Rice Engineering and Mechanization	Develops 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, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Socioeconomics	Conducts research and policy studies to help develop an efficient, competitive; and sustainable rice industry, nurtured by sound policy environments. It supports PhilRice's function of providing timely information to the industry	Farmers, LGUs and officials, extension workers, Senate and house of representatives
Crops Biotechnology Center	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, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Development Communication	Promotes rice science for sustainable development through strategic use of communication media. It plays a major and significant part in communicating the results/products of rice science effectively, particularly to the intended users	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Technology Management and Services	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'. Likewise, it enhances capacities of extension workers and other change agents through retooling or rice science and technology updates.	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
Information Systems	Integrates information systems with the rice R&D will help to systematically plan, schedule, share, and document key activities that support the development of rice production technologies, farm equipment, technology transfer, and the production of high-quality rice varieties.	Farmers, seed growers, LGUs, extension workers, and rice consumers in the Philippines
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)

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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 IRRI 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 4a and 4b
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 8
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 6 and 7
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 Regions 10, 11 (except Davao Sur) and 13.
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	Farmers, LGUs and extension workers specifically in Regions 9, 11 (Davao Sur only), 12, ARMM