



Rural Development Administration
National Institute of
Crop Science



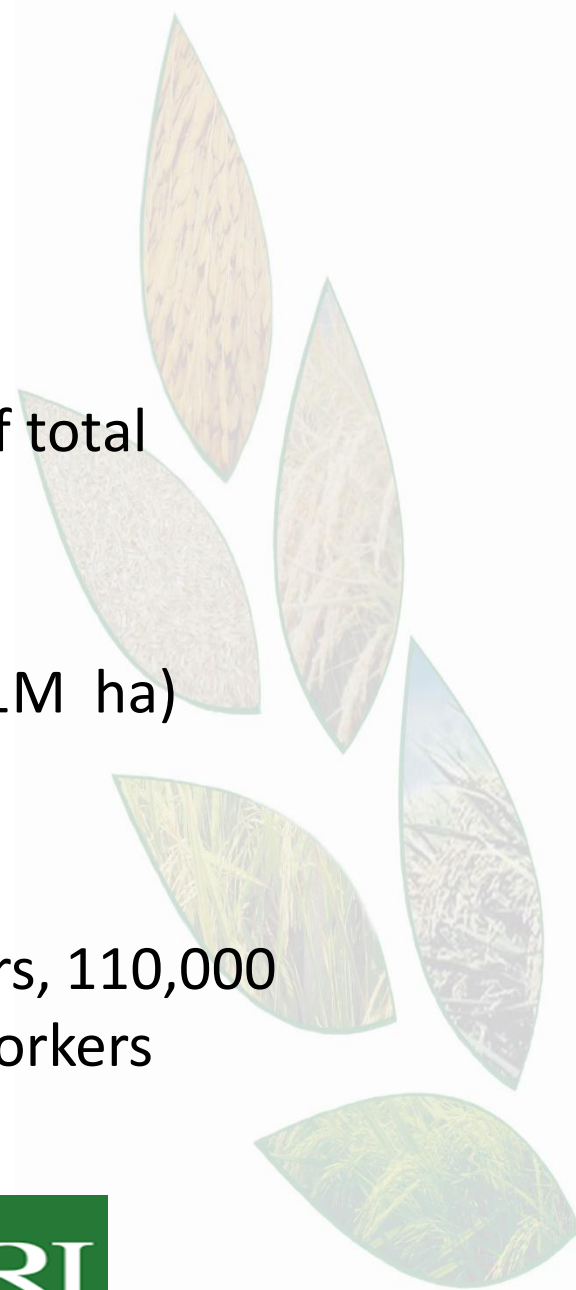
Key Updates/Priorities for Philippine Rice Sector Development

20th Annual Meeting of the
Council for Partnerships on Rice Research for Asia
25-26 October, 2016
Central Park Hotel, Songdo, Seoul, South Korea



Philippines Rice Status

- Rice remains the staple food of 85% of Filipinos
- Per capita consumption was 114 kg/yr (representing 15% of total household expenses)
- Production: 18.44M mt valued at 315MPhP
- Area harvested: 4.75 M ha(Irrigated: 3.24 M ha; Rainfed 1.51M ha)
- Average yield: 3.9 mt/ha
- 8th in the top producing countries as of 2015
- Rice industry is composed of 2.5 M households: 2.1M farmers, 110,000 workers for post-farm activities, and 320,000 for ancillary workers



Industry Strategic S&T Plan for Rice (2017-2020)

National R&D Level Priorities

- High quality seeds distribution
- Use of plant food supplements and elicitors
- Efficient water and nutrient management
- Improved farm mechanization
- Promotion of brown rice
- Upscaling use of Improved Resource-use Efficient Varieties.



Industry Strategic S&T Plan for Rice (2017-2020)

Priorities at farm level

- Increasing farmers access to high quality seeds through informal seed system
- Use of radiation-modified carrageenan as plant food supplement
- Use of precision seeder and transplanter for enhanced yield and reduced harvest losses
- Utilization of Near-Infra-red dryer for reduced drying time
- Promotion and use of impeller-type rice mill for village-level milling



Rice Research and Development Challenges

- High transport costs
- High postharvest losses
- Dependence of farmers on traders for price information
- Access to credit/capital market constraints
- Poor quality seeds and limited access to HQS
- Low fertilizer use efficiency and high cost of fertilizer
- Low water use efficiency and high water loss



Priorities for collaboration with IRRI and PhilRice

- Upscaling use of improved-resource use efficient varieties
- Training of rice scientists
- Cooperation for rice value chain activities in rice hubs and zones
- Establishing mechanism for rice growth using plant food supplement.



Thank you!

