

Agricultural Economics Division

Research Program for 2021-22

SL. No.	Program area/Project	Major Objective(s)
1.	Farm Level Adoption and Evaluation of Modern Rice Cultivation in Bangladesh Status: Routine work	<ul style="list-style-type: none"> ✓ To determine the region-wise adoption rate of different MVs in Aus, T. Aman and Boro seasons, ✓ To estimate the yield of different modern and local rice varieties in different seasons; ✓ To determine the socio-economic and varietal constraints of MVs in different regions.
2.	Estimation of Costs and Return of MV Rice Cultivation at the Farm Level Status: Routine work	<ul style="list-style-type: none"> ✓ To determine the costs and returns of MV Aus, T. Aman and Boro rice cultivation in Bangladesh, ✓ To estimate the factor and income share of MV rice cultivation in different seasons; and ✓ To evaluate the changes in costs and returns and inputs utilization pattern over the years.
3.	Prospect and Constraints to Adoption of BRR1 Released Modern Rice Varieties in Bangladesh: A Case of <i>Jashore</i> District Status: Continued	<ul style="list-style-type: none"> ✓ To identify the drivers and constraints of adoption of rice varieties in different seasons; ✓ To delineate the prospect of BRR1 varieties for large scale dissemination at the farm level.
4.	Adoption Determinants, Profitability and Resource Use Efficiency of Stress Tolerant Rice in Selected Areas of Bangladesh: An Econometric Approach Status: New	<ul style="list-style-type: none"> ✓ To delineate adoption status and yield of stress tolerant and hybrid rice varieties; ✓ To estimate profitability and resource use efficiency of stress tolerant rice varieties; and, ✓ To identify factors influencing adoption decision of stress tolerant and hybrid rice varieties.
5.	Impact of Demonstration Program on Varietal Adoption at Farm Level	<ul style="list-style-type: none"> ✓ To assess the magnitude of farmers awareness and interest about the new rice varieties;

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	Status: New	<ul style="list-style-type: none"> ✓ To analyze profitability of BRRRI released varieties over popular existing varieties; ✓ Factor affecting adoption of BRRRI released new rice cultivars; and, ✓ To identify the problems towards the adoption of BRRRI released new varieties.
6.	Socio-economic Vulnerability of Climate Change and Adaptation Strategies of the Rice Farm Households in the Coastal and Flood Prone Areas of Bangladesh	<ul style="list-style-type: none"> ✓ Assessing perception of the rice farm households about climate change and variability; ✓ Identification of adaptation strategies and barriers to adaptation of the vulnerable households in the face of climate change issues; and, ✓ Assessment of livelihood vulnerability of households in hazards-prone areas.
	Status: New	
7.	Farmers' Varietal Preferences and Product Profile of Hybrid Rice in Bangladesh	<ul style="list-style-type: none"> ✓ To assess the farmers' varietal preferences of hybrid rice; ✓ To develop region-specific product profiles which will guide future hybrid rice breeding in Bangladesh.
	Status: Continued	
8.	Producers' Welfare Loss in Bangladesh: An Assessment of Rice Market Distortion	<ul style="list-style-type: none"> ✓ To estimate the supply function of rice; ✓ To measure the producers' surplus change in terms of (i) procurement and real price, (ii) farmers' expected and real price; and, ✓ To formulate policy guidelines towards minimizing producers' welfare for sustaining rice production in Bangladesh.
	Status: New	