

## Proposed Research Program 2024-2025

Sl. No.	Program Area/Project/ Experiment Title & Duration	Major Objective	Expected output	Annual Budget (Thousand Tk.)
	<b>Adaptive Research Division</b>			
1	<b>Technology validation</b>			
1.1	<b>Advanced Line Adaptive Research Trial (ALART):</b> Program will be taken as per materials supplied by Plant Breeding and Biotechnology Divisions during Aus 2024, Aman 2024 and Boro 2024-25.	<ul style="list-style-type: none"> <li>• To evaluate the yield potential and adaptability of the advanced rice genotypes at farmers' field in different agro-ecological zones.</li> <li>• To get feedback information about the advantages and disadvantages of the selected materials from farmers and Extension personnel.</li> <li>• To select suitable material(s) for proposed variety trial (PVT).</li> </ul>	Some advanced lines will be selected for PVT	450
1.2	<b>Validation of polythene covered dry seedbed method in the late Boro growing areas of Bangladesh, Boro 2024-25</b>	To reduce the seedling mortality in the seedbed due to low temperature.	Seedling mortality will be reduced due to low temperature stress	30
1.3	Adaptive Trial of Modern Rice Varieties in T. Aman 2024	<ul style="list-style-type: none"> <li>• Validate the adaptability of modern rice varieties at farmers' field</li> <li>• Investigate the performance of promising varieties compared to popular mega variety</li> </ul>	Select suitable variety(s) for target environments for rapid dissemination of promising rice varieties.	40
2	<b>DISSEMINATION OF TECHNOLOGIES</b> <b>2.1 Seed Production and Dissemination Program (SPDP)</b>			

2.1 SPDP in B. Aus in <i>Jhum</i> system in 2024 under GOB.	<ul style="list-style-type: none"> <li>• Rapid dissemination of newly released Aus rice varieties to the farmers</li> <li>• Motivate farmers to produce and preserve quality seeds of modern rice varieties</li> <li>• Increase availability of quality seed at farm level</li> <li>• Exchange seeds from farmers to farmers</li> <li>• Collect feedback information from farmers and DAE personnel about BRRi varieties.</li> </ul>	10000kg seed will be produced from which 1000 kg seed will be preserved for next year cultivation.	80
2.2 SPDP in Valley (T. Aus) in 2024 under GOB		5000kg seed will be produced from which 400 kg seed will be preserved for next year cultivation	20
2.3 SPDP in T. Aus 2024		3000kg seed will be produced from which 2000 kg seed will be preserved for next year cultivation	80
2.4 Demonstration of BRRi Hybrid dhan7 in T. Aus 2024	Rapid dissemination of BRRi Hybrid dhan7 to the farmers	30000kg seed will be produced from the demonstration	60
2.5 SPDP in T. Aman 2024 under PARTNER project	<ul style="list-style-type: none"> <li>• Rapid dissemination of newly released Aman rice varieties to the farmers</li> <li>• Motivate farmers to produce and preserve quality seeds of modern rice varieties</li> <li>• Increase availability of quality seed at farm level</li> <li>• Exchange seeds from farmers to</li> </ul>	440000kg seed will be produced from which 40000 kg seed will be preserved for next year cultivation	400

		farmers		
	2.6 SPDP in T. Aman 2024 under LSTD project		20000kg seed will be produced from which 5000 kg seed will be preserved for next year cultivation	120
	2.7 BRRI Hybrid Variety Demonstration Program during Aman 2024	Rapid dissemination of BRRI Hybrid dhan4 and 6 to the farmers	44000kg seed will be produced from the demonstration	80
	2.8 SPDP in Boro 2024-25 under PARTNER project	<ul style="list-style-type: none"> <li>• Rapid dissemination of newly released Boro rice varieties to the farmers</li> <li>• Motivate farmers to produce and preserve quality seeds of modern rice varieties</li> <li>• Increase availability of quality seed at farm level</li> <li>• Exchange seeds from farmers to farmers</li> </ul>	500000kg seed will be produced from which 40000 kg seed will be preserved for next year cultivation	400
	2.9 SPDP in Boro 2024-25 under LSTD project		10000kg seed will be produced from which 1000 kg seed will be preserved for next year cultivation	120
	2.10 A new model of SPDP in Boro 2024-25	Including seed dealer in the SPDP will help rapid dissemination of newly released BRRI varieties	20000kg seed will be produced from which 2000 kg seed will be preserved for next year cultivation	60
3	Promotional Activities			
	3.1 Farmers' Training on Rice production technology.	<input type="checkbox"/> To update knowledge and skills of farmers on modern rice technologies. <input type="checkbox"/> To create awareness and interest among farmers, local leaders, elite persons, NGO workers and extension personnel about BRRI varieties and technologies.	A total of 3000 participants (farmers and SAAOs of DAE) will trained up and upgraded their knowledge and skill on modern rice Production technologies.	40

		<input type="checkbox"/> To promote dissemination and get feedback about BRRRI technologies from farmers.		
	3.2 Field day		Around 5,000 participants including farmers, local leaders and DAE personnel will participate in the field days.	40
	3.3 Seed support program		Around 200kg seedswill be distributed to thefarmersfree of cost other than the SPDP programs.	-
4.0	<b>Quality seed production of newly released rice varieties</b>	This seed will be used in demonstration program.	A total of 5.0 tons quality seeds of BRRRI varieties will be produced which will be used to conduct research activities and dissemination program of ARD.	40