



বাংলাদেশ ধান গবেষণা ইনস্টিটিউট

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Regional Station, Dhanbari, Tangail



Research Program Outline 2024-25

Program Area: Regional Station Program Area (RSPA)

1. Program Area: Crop Soil Water Management (CSWM)

SN	Experiments	Specific Objective(s)	Materials & Method	PI and CI	Status (initiation) /Season	Budget Lakh Taka	Location
1.1	Effects of potassium fertilization at different growth stages on growth and yield of rice	To find out the best suited timing of potassium fertilizer application for rice crop	RCB Design with three replication, five treatments (Full K fertilizer at basal; 2/3 K at basal, 1/3 K at ATS; 2/3 K at basal, 1/3 K at MTS; 1/3 K at basal, ATS and MTS each; without K fertilizer application)	PI: MI CI: AAR	New Boro and T.Aman	0.50	Farmers' field. BRR I RS Dhanbari, Tangail
1.2	Integrated Nutrient Management (INM) using Khamari App fertilizer recommendation for growth and yield of rice	To evaluate the effect of INM on soil health and productivity.	RCB Design with four replications. Three treatments (Farmers practice; 100% chemical fertilizer recommendation through khamari App; 50% chemical fertilizer recommendation through khamari App + 3t/ha Cowdung;)	PI: MI CI: AAR	New Boro and T.Aman	0.50	Two Farmers' field. BRR I RS Dhanbari, Tangail
1.3	Raising of healthy rice seedling under transparent polythene cover at Boro season in cold prone area of Bangladesh	To evaluate raising of rice seedling under transparent polythene cover.	RCB Design with three replications. Three treatments (Control condition; All time polythene covering; polythene covering when Max. temp fall below 15°C)	PI: MI CI: AAR	New Boro season	0.10 (if fund available)	Farmers' field. BRR I RS Dhanbari, Tangail
1.5	Advisory services to the farmers	1. To assist farmers for rice production 2. Minimize rice yield loss	Location: Tangail and Jamalpur Ways: Mobile services, Website, email, direct field visit, on station farmers' samples; Fund: LSTD Project	PI: MI CI: AAR	New Boro and T.Aman	-	BRR I RS Dhanbari, Tangail

2. Technology Transfer

SN	Experiments	Specific Objective(s)	Materials & Method	PI and CI	Status (initiation) /Season	Budget Lakh Taka	Location
2.1	Field demonstration of newly developed BRRI varieties and/or technologies in Tangail-Jamalpur region	To demonstrate and disseminate BRRI varieties and technologies in Tangail-Jamalpur region	110 Demo (T. Aman 2024 = 30, Boro 2024-25 = 60, Aus 2025 = 20) Aman: BRRI dhan75, BRRI dhan87 Boro: BRRI dhan89, 92, 96, 100, 101, 102, 104,105, 107, 108 Aus: BRRI dhan98, BRRI dhan106 and BRRI Hybrid dhan7.	PI: MI CI: AAR	Year round	9.992	Tangail and Jamalpur
2.2	Farmer's training on modern rice cultivation and fertilizer management technology	To increase farmers knowledge	3 Farmers training: About 120 farmers	PI: MI CI: AAR	Year round	1.464	Tangail and Jamalpur
2.3	Field day on modern rice cultivation	To increase farmers knowledge	Six field days (T. Aman 2024 = 1, Boro 2024-25 = 3, Aus 2025 = 2)	PI: MI CI: AAR	Year round	1.56	Tangail and Jamalpur
2.4	Practical experimentation and evaluation of agricultural farm machineries	To increase farmers knowledge	Two (Boro 2024-25 = 2)	PI: MI CI: AAR	Year round	0.34	Tangail and Jamalpur

MI = Mosud Iqbal, AAR = Adiba Afrin Rim