



Bangladesh Rice Research Institute

Regional Station, Sirajganj



Summary of Research Program 2022-23

SL No	Title	PI & CI	Status	Objectives	Season	Location	Budget (Lac TK)	Source of Budget
1	Effects of soil amendment practices on grain yield and yield components of modern variety at BRRI farm, Sirajganj	PI: S Pervin, CI: MNH Mahmud, MS Rahman, SMMS Tonmoy	on going	To improved soil physical properties that will improved soil water retention capacity of the root zoon	Aman, Boro	On Station	.50	GoB
2	Integrated Nutrient Management on Growth and Yield of Boro Rice in Charland	PI: MM Hossain; CI: SMMS Tonmoy, N Akter and KSA Jahan, MS Rahman	on going	To identify proper nutrient management practice through organic and inorganic amendments in Charland area.	Aman, Boro	On Station	.50	GoB
3	Effect of biochar on rice yield and soil health on problem soils	PI: A. Jahan; CI: M. I. U. Sarkar, S. M. M. S. Tonmoy, Md. Saidee Rahman and M. R. Islam	on going	To study the effect of biochar on rice yield, nutrient use efficiency and soil health of charland soils	Aman, Boro	On Station	.50	GoB
4	Effect of transplanting date and spacing on the yield of different short duration rice varieties	PI: SMMS Tonmoy; CI: MM Hossain and MS Islam, MS Rahman	on going	To find out the suitable transplanting date of different short duration rice variety.	Aman, Boro	On Station	.50	GoB
5	Response of Latest BRRI Varieties and Management Practices in Char	PI: SMMS Tonmoy; CI: MS	on going	To identified Spacing & Fertilizer management of	Aman, Boro	On Farm	.50	GoB

	Land Areas of Sirajganj	Rahman		BRRRI Realased Varieties in char land area of sirajganj				
6	Light trap collection of rice insect pests and natural enemies	PI: MS Rahman; CI: SMMS Tonmoy	on going	To study the pest and their natural enemy incidence patterns in rice fields and to create a database to develop a forecasting system	Aman, Boro	On Station	.50	GoB
7	Use of Sex pheromone to control stem borer	PI: MS Rahman; CI: SMMS Tonmoy	on going	To study the efficacy of sex pheromone To control rice stem borer in rice field	Aman, Boro	On Station	.50	GoB
8	Monitoring of Fall Armyworm moth using pheromone trap	PI: MS Rahman; CI: SMMS Tonmoy	on going	To record the present status of Fall armyworm, <i>S. frugiperda</i> in rice based ecosystem	Aman, Boro	On Station	.50	GoB
9	Determination of Optimum Nitrogen level and Scheduling of Boro-T.Aus-T.Aman Cropping pattern for Maximizing Yield in Bogura Region	PI: MS Rahman; CI: SMMS Tonmoy	new	1.Inclusion of Boro-T. Aus-T. Aman cropping pattern 2.To find out the optimum nitrogen doses and scheduling under Boro-T. Aus-T. Aman cropping pattern	Aman, Boro	On Station	.50	GoB
10	Determination of optimum doses of Nitrogen fertilizers on the performance of newly released BRRRI varieties in charland area	PI:S L Hasan ; CI: SMMS Tonmoy,MS Rahman	new	1.To determine the optimum doses of nitrogen 2.To observe the yield of rice	Aman, Boro	On Farm	.50	GoB
11	Effect of row to row & hill to hill spacing on the yield performance of Bangabandhu dhan100 in char land area of sirajganj	PI:N Parven ; CI: SMMS Tonmoy,MS Rahman	new	To evaluate the effect of row to row and hill to hill spacing on the yield performance of Bangabandhu dhan100 in char land area of sirajganj	Aman, Boro	On Station	.50	GoB
12	Integration of Mustard and Pulse in the Rice growing Environments	PI: MS Rahman; CI: SMMS Tonmoy	new	To integration of oil and pulse crop in rice based cropping pattern.		On Farm	.50	GoB