

Agronomy Division
Annual Research Programme (2014-2015)

Sl. No.	Program area/Project	Major objectives	Annual budget ('000' Taka)
Project 1	Development of agronomic management packages for advanced mutants of crops at different AEZs	To develop proper agronomic production packages for optimizing yield	330
Experiment 1	Determination of optimum time and row spacing for growth and yield of lentil lines	To find out proper time and optimum spacing for maximizing yield of lentil mutants	
Experiment 2	Determination of optimum spacing on growth and yield of sesame mutants	To find out optimum spacing for maximizing yield of sesame mutants	
Experiment 3	Study on different sowing/transplanting methods for maximizing rice yield in Boro season	To find out proper sowing/transplanting methods for maximizing yield	
Experiment 4	Assessing optimum transplanting date for maximizing yield of Binadhan-14	To find out optimum transplanting time for maximizing yield	
Project 2	Adaptability and management studies for advanced lines/mutant varieties in problem areas in different cropping patterns at various AEZs	(i) To study the degree of adaptability of the mutant lines at different levels of stress conditions (ii) To develop BINA commodities based cropping patterns for different AEZs	100
Experiment 5	Study on relay cropping of wheat with T. aman rice in saline areas	To increase cropping intensity in saline areas	
Project 3	Herbicide management for rice crop	(i) To study the effectiveness of different herbicides for rice production (ii) To find out proper doses, application timing and method for rice	50

Experiment 6	Effect of different herbicide available in the market for Boro and Aus rice	To recommend optimum dose for Boro and Aus rice either transplanted or direct seeded and to identify residues in soils and plants	
Project 4	Impact on climate changes on productivity of BINA develop crop varieties	To study the responses of the mutant varieties developed at BINA under changed climatic conditions	50
Experiment 7	Effect of high temperature on the productivity of modern mutant Boro rice variety under pot culture	To observe the productivity status of BINA rice varieties at elevated temperature conditions	
Project 5	Development of better seed production package and storage techniques	(i) To furnish Foundation, Certified and Truthfully labeled Seed (TLS) requirements of different BINA released crop mutants/varieties for promoting and expanding them towards farmers, GOs and NGOs. (ii) To develop proper seed maintenance technique to preserve quality of seed in storage and development of agronomic packages for quality seed production	1970
Experiment 8	Comparative studies on seed preservation methods by using nuclear technique	To develop proper seed maintenance technique to preserve seed in storage	
Experiment 9	Quality seed production of released crop varieties of BINA through standard techniques	To supply seeds for demonstration trials by TCP Division, BINA village program, GOs and NGOs, farmers and other research purposes and to meet special requirement for environmental calamities	