

Bangladesh Livestock Research Institute Savar, Dhaka

Total Proposed Projects (2023-2024)

	Name of the Discipline	Sl. No.	Name of the Project Title	Remarks
A.	Animal and Poultry Nutrition, Feeds and Feeding Management	1.	Potential use of available feed resources in six different climate hotspots in Bangladesh	
		2.	Development of feeds and fodder data base for efficient feeding system for livestock production	
		3.	Conservation and improving yield and nutritional quality of forage crops at BLRI	
		4.	Identification and Screening of tree fodders for goat feeding	
		5.	Qualitative and quantitative improvement of Zara and Rokuna grass under on-station conditions	
		6.	Determination of nutrient requirements for the development of feeding and management guidelines for BLRI improved native chicken	
B.	Biotechnology, Environment, Climate Resilience and Waste Management	Sl. No.	Name of the Project Title	
		7.	Production and utilization of Gelatin from bovine hides	
		8.	Estimation of greenhouse gas emission factors and Adopting Tier-2 method of IPCC for Greenhouse gas (GHG) inventory in cattle in Bangladesh	
		9.	Need assessment, technology intervention and livestock advisory development for increasing climate resilience in livestock production system	
		10.	Establishment of semen bank for BLRI improved germplasm (Cattle, Buffalo, Gayal, Goat, Sheep and Chicken)	
		11.	Isolation & identification of gene responsible for oxalate production in Napier grass	
		12.	Development of suitable semen cryopreservation protocol for BLRI improved indigenous chickens	
		13.	Field validation of stress tolerant mutant lines of Napier fodder developed by BLRI	
		14.	Artificial Insemination (AI) in Black Bengal goat	
		15.	Assessment of environment stresses on different genetic groups of dairy cattle and development of their mitigation strategies	
16.	Establishment of milk processing facilities for the development of premium dairy products			

		17.	Production of beta cyclodextrin for the development of low cholesterol milk and milk products	
		18.	Physiological Responses of Buffalo in heat stress	
		19.	Quality and safety assessment of milk and development of fortifying dairy products	
C.	Animal and Poultry Breeding and Genetics	SL. No.	Name of the Project Title	
		20.	Evaluation of the Production Performance of Jersey and their crosses available in Bangladesh	
		21.	Strategic development of beef breed (s) in Bangladesh	
		22.	Conservation and improvement of Native cattle	
		23.	Conservation and Improvement of Tropically Adapted Indigenous Chicken Variety in Bangladesh	
		24.	Genetic Improvement of egg laying BLRI-1 and BLRI-2 duck breeds for rural duck farming in Bangladesh	
		25.	Conservation and utilization exotic meat and egg type chicken	
		26.	Development of meat type quail through pure breeding	
		27.	Conservation and Improvement of Black Bengal Goat and its color variants at Bangladesh Livestock Research Institute and Community level	
		28.	Native and exotic sheep germplasm at Bangladesh Livestock Research Institute Component A: Ex-situ conservation and improvement of native sheep at BLRI Bangladesh Livestock Research Institute	
			Component B: Exotic sheep adaptation and their crossbred production for the development of a meat type synthetic sheep breed	
		29.	Improving indigenous cattle through upgrading, feeding and health management at BLRI	
		30.	Conservation, improvement and multiplication of Red Chittagong Cattle	
		31.	Conservation and improvement of Farm Animal Genetic Resource (FAnGR) and development of fodder germplasm at BLRI regional station, Rajshahi and community level	
		Sl no.	Name of the Project Title	
		32.	Good livestock practices and development of herd immunity package in cattle farm	
		33.	Serological and outbreaks investigation of Peste des Petits Ruminants (PPR) in Bangladesh and development of vaccine seed from circulating local isolates	
		34.	Surveillance of Extremely zoonotic pathogen (<i>Brucella</i> species) at different areas of Bangladesh	

D.	Animal and Poultry Disease and Health	35.	Elucidating the Antimicrobial Resistance Pathogens Evolution and combating the MDR (Enteric Bacteria) with bacteriophage in Companion and Farm Animals	
		36.	Development of duck plague vaccine seed from circulating strain	
		37.	Molecular detection and risk factors assessment associated with Bovine Viral Diarrhoea virus infection in farm animals of Bangladesh	
		38.	Surveillance and molecular evolution of avian influenza virus in Bangladesh	
		39.	Diversification and Magnitude of Endo-Parasite in Livestock in Different Agro -ecological Zone of Bangladesh	
		40.	Development of an NSP ELISA kit for differential diagnosis of FMDV infected from vaccinated animals	
		41.	Investigation of Pneumonic Pasteurellosis and PPR in Sheep and their mitigation to develop a model sheep health management package for ideal farming	
		42.	Investigation of new emerging and clinical diseases of Goat in Bangladesh	
		E.	Socioeconomics and Farming System Research	Sl no.
43.	Development of entrepreneurship for commercial production of complete pellet feed			
44.	Impact of training given to farmers on BLRI technologies			
45.	Rearing prospects, potentiality and dissemination of BLRI improved indigenous chicken at North-Bengal areas			
46.	Establishment of “BLRI Technology village” at the Regional Stations of BLRI			
47.	Reinforcement of Regional Livestock Research at Naikhongchari			
48.	Socio economic analysis of antibiotic use in poultry and dairy production in Bangladesh			
49.	Economic loss assessment of lumpy skin disease outbreak in cattle of Bangladesh			
50.	Cost and return analysis of livestock feed, meat, egg and milk in Bangladesh			