

1. BARC

Total: 4

SI No.	Project ID	Sub-Project Title
1	612	Enhancing Agricultural Research Information Services through digitization of research outputs
2	629	Development and upgradation of digital contents of National Agricultural Display Center (NADC) at BARC
3	638	Qualitative assessment of bottled drinking water and evaluation of pesticides residue of raw, washed and cooked vegetables
4	666	Updating of Fertilizer Recommendation through Interpretation of Research Results Generated by the NARS Institutes

2. BARI

Total: 41

SI No.	Project ID	Sub-Project Title
1	307	Improvement of Coconut Harvesting and Dehusking Machine
2	323	Development of ginger production technology under soilless culture using fertigation technique in Bangladesh
3	328	The Nutritional Analysis and Popularization of Minor Fruits to Rural and Urban Communities of Bangladesh
4	378	Socio-economic Impact on Wheat Research and Development in Bangladesh
5	382	Development of existing maize based cropping patterns for sustain soil fertility in south-western region of Bangladesh
6	406	Oxidative stress tolerance of maize under drought and salinity: Mechanism and identification of stress inducible proteins
7	407	Assessment of postharvest losses based on postharvest practices and marketing performances in selected vegetable supply chains in Bangladesh
8	440	Tobacco replacement through high value and nutrient rich crops for food security and nutrition of charland people under Bhuapur upazilla of Tangail
9	459	Selection of Salt Tolerant Sunflower and Mustard Genotypes Based on Physiological and Biochemical Traits
10	465	Validation and up scaling of fresh cut fruits and vegetables processing technologies
11	477	Survey, Monitoring and Eco-friendly Integrated Management of Major Insect Pest and Disease in Chilli at Jamalpur Region
12	479	Collection, Evaluation, Characterization and Bulb Preservation of Liliium in Bangladesh
13	490	Crop Productivity Enhancement through Agronomic Practices in Sylhet Region
14	491	Improving the performance of mechanized seeding through innovations in seed metering system
15	492	Conservation Agricultural Practices for the Improvement of Soil Health, Cropping System Productivity and Farmers'

		Income
16	499	Nutrient management for a rooftop garden
17	504	Risk Assessment and Development of Management Approach(Es) Against Tomato Leaf Miner, Tuta Absoluta
18	526	Studies on the Species Complex and Their Bio-Rational Based Management of Fruit Flies Infesting Fruits and Vegetables in Bangladesh
19	528	Upscaling Of Lac Production Technologies for Poverty Reduction of the Ultra Poor and Marginal Farmers
20	529	Determination of adulteration of commonly used pesticides and their left over residue in major fruits and vegetables
21	538	Development of production package with special emphasis on off season flowering of dragon fruit
22	559	Symbiotic and molecular characterization of potential saline tolerant rhizobial strains and bio-fertilizer production for soybean and groundnut
23	599	Collection and molecular characterization of resurged phytopathogen Sclerotinia sclerotiorum causing white mold disease of different crops and its integrated management
24	601	Molecular characterization and integrated management of Cucumber mosaic virus infecting Cucumber (Cucumis sativus) in Bangladesh
25	668	Development of Protective Cultivation Techniques of Gladiolus and Gerbera in Bangladesh
26	670	Identification of Major Insect and Mite Pests of Major Vegetables in Bangladesh and their Eco-friendly Management
27	672	Productivity Enhancement through Adaptation of Improved Crop Production Technologies in Previous Enclaves of Northern Region of Bangladesh
28	688	Improved Crops Productivity of Beel Areas of Bangladesh
29	690	Assessing and mitigating the contamination of vegetable crops and soil under irrigation with urban wastewater
30	728	Development of shelf stable value added products from onion, garlic and ginger
31	729	Integrated rodent management in wheat and rice through ecofriendly control tehcniques
32	730	Development of propagation and processing technology for Bay leaf andCinnamon
33	732	Validation of Integrated Pest Management (IPM) technologies in the farmers fields against major insect pests of soybean at Noakhali region
34	735	Production of compost, vermicompost and tricho-compost from household solid waste and their utilization on tomato and cabbage production

35	767	Screening of Shattering Tolerance of Brassica napus
36	768	Incretion of Crop Productionby Utilization of Fallow Land through Underutilized Crops in Coastal Saline Area of Noakh
37	769	Development of mobile phone applications for phenotyping and assessment of nitrogen fertilizer requirement by digital image analysis in cereal crops
38	774	Development of a low cost battery operated rotary type upland weeder
39	783	Collection, Conservation and Maintenance of Different Fruits Germplasm in the Hilly Region of Bangladesh
40	811	Development and Dissemination of Fertilizer Deep Placement Applicator for Increasing Fertilizer Use Efficiency and Farm Productivity
41	814	Development and Adaptation of Water Saving Irrigation Techniques for Upland Crops

3. BAU

Total Count: 32

SI No.	Project ID	Sub-Project Title
1	305	Breeding biology and induced breeding technique of the freshwater gangmagur, Hemibagrus menoda (Hamilton, 1822)
2	310	Scaling-up of farmer led agroforestry practices for livelihood improvement and resources conservation in the Madhupur Garh area
3	362	Prevalence and molecular characterization of shiga toxin producing Escherichia coli (STEC) in poultry and their products in Bangladesh
4	363	Business Opportunities of Ornamental Fisheries in Bangladesh: Development of a Production and Economic Assessment Model
5	367	Development of Live Attenuated Duck Plague Vaccine Using Local Duck Plague Virus Strains

6	368	Morpho-molecular characterization of underutilized indigenous vegetables in Bangladesh
7	369	Development of sustainable biological weed management techniques through allelochemicals from crop residues
8	384	Characterization and Documentation of Minor Fruits in Bangladesh with Special Emphasis on Coastal and Hilly Areas Fruits
9	393	Cultivation, Marketing and Processing of Medicinal and Aromatic Plants (MAPs) in Bangladesh
10	395	Genetic improvement of indigenous cattle for beef production through crossing with Brahman cattle by farmers participatory breeding approach in Bangladesh
11	397	Seed production of Bhagna, <i>Labeo ariza</i> (Hamilton, 1807) through line breeding trial in Bangladesh
12	400	Evaluation of endocrine biopesticides against major sucking insect pests of vegetables
13	419	Management of acid soils for sustainable crop production in Madhupur Tract and Northern & Eastern Piedmont Plains
14	426	Molecular characterization of Babesia, Theileria and Anaplasma organism in livestock in Bangladesh
15	497	Evaluation of the suitability and efficacy of potato and wheat as prebiotic compounds on the growth performance, survivality and tissue composition of <i>Labeo rohita</i> and <i>Catla catla</i>

16	556	Development and evaluation of formalin killed inactivated egg drop syndrome virus vaccine using local isolates
17	557	Benchmarking cost of milk production in typical dairy farms in selected regions of Bangladesh: Implications for milk market price and livelihood improvement policy
18	576	Design and Development of Power Operated Oil Palm Fruit Stripper
19	593	Development of a business model on crops and cattle for low carbon farming technique: An initiative for farm level in coastal region of Bangladesh
20	603	Substantial development of genetic potential for improved productivity in cattle through manipulative reproduction technology
21	624	Developing a model-based water management plan for haor wetlands of Bangladesh to reduce the vulnerability of Boro rice crop to flash floods
22	649	Economics of Adoption of Bio-security Measures for Controlling Avian Influenza in Bangladesh`s Poultry Farms
23	654	Small scale farming of guineafowls and turkeys in Bangladesh- a tool for poverty reduction
24	656	Enhancing the crop productivity through adoption of climate smart technologies in the salinity area of Bangladesh
25	659	Assessment of the impact of climate change on arthropodvectorsthose transmitting vector borne diseases in Bangladesh

26	661	Development of low-cost technology for making processed cheese
27	694	Assessment of effectiveness of avian influenza vaccination in commercial layer birds in Bangladesh
28	695	Quantitative analysis for the toxic chemical residues in fruits and vegetables using chromatographic techniques of selected markets in Bangladesh
29	718	Study of the climate change impact on fisheries resources and fishers' especially women and children in selected climate hotspot zone of Bangladesh
30	719	Production of low cholesterol healthy mutton by using natural herbs
31	722	A field study on survivability of vitrified embryos in Bangladeshi native sheep
32	777	Improvement of dry direct seeded boro rice based cropping pattern through climate smart technologies and its adoption in drought-prone areas

4. BFRI(Fisheries)

Total Count: 6

SI No.	Project ID	Sub-Project Title
1	778	Fine tuning of short cycle culture of shrimp <i>Penaeus monodon</i> in rotation with tilapia in the coastal ghers
2	779	Improvement of live feed culture for Brackishwater hatchery operation
3	823	Residual Assessment of Hazardous Pesticides and Antibiotics in Shrimp/Prawn Farming Systems of South-West Bangladesh with its Traceability Identification and Risk Quantification on Human Health
4	825	Adoption of Culture Technologies of Short Cycle Fish Species in the Semi-arid Zone of Bangladesh
5	827	Development of Mixed Culture Technology of High Valued Galda (<i>Macrobrachium rosenbergii</i>) with Two Native Catfish, Shing (<i>Heteropneustes fossilis</i>) and Magur (<i>Clarias batrachus</i>) in South-western Coastal Ghers of Bangladesh
6	833	Production enhancement of carps and tilapia in creeks of Chittagong hill districts

5. BFRI(Forest)

Total Count: 3

SI No.	Project ID	Sub-Project Title
1	301	Development of Climate Resilient Mangrove Ecosystems in the Sundarban
2	386	Agro-forestry for livelihood development of Jhumia community (shifting cultivators) in Chittagong Hill Tracts, Bangladesh
3	815	Studies on gummosis of shade trees in tea plantation and its management

6. BINA

Total Count: 3

SI No.	Project ID	Sub-Project Title
1	801	Assessment of land degradation situation for improving soil quality and crop productivity using nuclear techniques
2	802	Studies on the performance of vermicompost and organic materials for improving soil fertility and crop productivity
3	804	Improvement of spices varieties cumin, sweet pepper, chilli, turmeric and black pepper through induced mutation

7. BJRI

Total Count: 4

SI No.	Project ID	Sub-Project Title
1	754	Innovation of dyed jute knitted fabric in textile technical sectors
2	755	Enhancement of Productivity of Kenaf in Char Areas
3	780	Design and Development of Jute-Cotton Reinforced Polimer Composite for Rural Poultry Housing
4	785	Study on bionomics, Species diversity/host range, management technique of mealybug in kenaf and mesta

8. BLRI

Total Count: 3

SI No.	Project ID	Sub-Project Title
1	781	Assessment of methane emission in dairy production systems based on existing feed resources through GLEAM model under different climatic zones of Bangladesh and their mitigation options
2	788	Development of cost effective complete pelleted feed and its utilization for commercial goat and sheep production
3	790	Development of probiotic feed supplement for calves

9. BRRI

Total Count: 14

SI No.	Project ID	Sub-Project Title
1	696	Improvement of Water Productivity for enhancing crop production in water scare area of North-West Bangladesh
2	697	Intensification of Conservation Farming in North West Bangladesh
3	698	Identification of climatic factors responsible for disease and insect outbreak and their appropriate management in southern region of Barisal
4	700	Value Chain Analysis of Rice and its Byproducts in Bangladesh
5	701	Characterization of Important Rice Germplasm of Bangladesh
6	705	Improvement and validation of BRRI developed headfeed mini combine harvester
7	706	Delineating rice yield limiting soil factors for some selected paddy soils of Bangladesh
8	707	Up-scaling of biofertilizer for improvement of soil health and rice yield in Bangladesh
9	708	Combating seedling blight and raising healthy seedling/seed germination in cold environment

10	712	Identify and formulate biopesticides to control bakanae pathogen
11	714	Introgression of heat tolerant QTL (qHTSF4.1) into Bangladeshi mega rice varieties through marker-assisted breeding
12	715	Enhancing Agricultural Technology through ICT Innovation: Mobile Application and Rice Database Development
13	716	Up Scaling of BRRI Released New Promising Rice Varieties through Quality Seed Production at Farmers' Level
14	765	Selection of super high-yielding rice genotypes

10. BSMRAU

Total Count: 10

SI No.	Project ID	Sub-Project Title
1	315	Arthropod Pests Infesting Ornamental Plants in Bangladesh: Strategies for Management
2	493	Characterization of commercial probiotics using for fish and shrimp culture in Bangladesh
3	502	Molecular identification of local and exotic strains of koi (<i>Anabas testudineus</i>) for strategic conservation management
4	548	Design and development of a compensatedemitter for efficient drip irrigation system in Bangladesh
5	595	Up-scaling of Multistory Agroforestry System for Diversified Production, High Income and Ecosystem Services
6	596	Rice-based agroforestry in Bangladesh – status and opportunities for sustainable land use system and combating future climate change challenges
7	605	Standardization of Trichoderma fortified compost for growth promotion and Eco-friendly management of Tomato diseases
8	607	Mining nobel probiotics from Red Junglefowl (<i>Gallus gallus</i>) as the alternatives to antibiotics for the safe poultry production
9	798	Heavy Metal in the Industrial Polluted Area: Spatial Distribution, Risk Assessment and Bacterial Biogeography of Contaminated Soils

10	809	Oxidative stress tolerance of maize under drought and salinity: Mechanism and identification of stress inducible proteins
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11. BSRI

Total Count: 5

Sl No.	Project ID	Sub-Project Title
1	744	Production and Field Release of Parasitoids and Predators for Management of Major Insect Pest of Sugarcrop
2	746	Screening of sugarcane clones based on adaptive mechanisms under drought and salinity stress due to climatic change
3	748	Design and Development of Efficient and Low Cost Sugarcane Power Crusher for Goor Production
4	750	Cost and Return Analysis of Sugarcane Production with Intercrops in Bangladesh
5	753	Induction of somaclonal variation in non-flowering germplasm of sugarcane through in vitro culture

12. BSRTI

Total Count: 4

Sl No.	Project ID	Sub-Project Title
1	518	Identification of different species of bacteria causing bacterial diseases of silkworm (<i>Bombyxmori</i>) L. and their control
2	519	Development of modern reeling machine and its use for quality and quantity raw silk production in the field
3	520	Study on the nutritional quality of underutilized mulberry fruits, leaves & silkworm pupae and their value addition
4	545	Effect of Nitrogen, Phosphorus and Potassium on Growth, Yield and Leaf Quality of Mulberry

13. BTRI

Total Count: 4

SI No.	Project ID	Sub-Project Title
1	337	Integrated Pest Management (IPM) approaches to Major Pests of Tea for sustainable tea production
2	339	Identification of VAM and Determination of their Potentiality on Tea Cultivation
3	340	Determination of residue level of commonly used pesticides in tea
4	342	BTRI Clones and Improved Seeds to the Stakeholders

14. CDB

Total Count: 4

SI No.	Project ID	Sub-Project Title
1	582	Development of agroforestry model for conversion of rice-cotton based hill farming system in the Chittagong hill tracts
2	583	Testing of cotton cultivation technology in the drought prone area of Barind Tract of Bangladesh
3	584	Eco-friendly Management of Sucking insects Cotton
4	791	Effect of variety and fertilizer on cotton yield, fiber quality and seed oil content.

15. CVASU

Total Count: 3

Sl No.	Project ID	Sub-Project Title
13	333	Development of green mussel <i>Perna viridis</i> farming system in coastal areas for boosting blue economy of Bangladesh
51	448	Monitoring and surveillance of duck diseases in Hakaluki and Tanguar hoar and development of suitable vaccination models and other preventive strategies
85	533	Establishment of suitable fracture management techniques in different animals (cattle, goat, dog, cat) at Sahidul Alam Quadery Teaching Veterinary Hospital (SAQTVH) in Chittagong

16. Dhaka University

Total Count: 3

Sl No.	Project ID	Sub-Project Title
1	451	Molecular identification of the tomato leaf curl virus (ToLCV) resistant/ tolerant tomato lines
2	452	Effectiveness of non-chlorine sanitizers in improving the safety and quality of high value exportable fresh betel leaf
3	471	DNA Barcoding of Freshwater Fishes of Bangladesh: Implication for Conservation and Management

17. HSTU

Total Count: 5

SI No.	Project ID	Sub-Project Title
1	309	Dietary effect of hydroponic legume sprouted fodder on Turkey production in Bangladesh
2	443	Development of Effective Vaccine Against Bovine Mastitis
3	444	Effect of Different Fruit Bagging Materials on the Production of Quality and Safe Mango
4	488	Mass seed production and culture technology of threatened fish <i>Cirrhinus reba</i> for sustainable aquaculture in Bangladesh
5	551	Identification and economic analysis of existing agroforestry practices in the northern region of Bangladesh for better agroforestry practices

18. Khulna University

Total Count: 1

SI No.	Project ID	Sub-Project Title
1	532	Development of commercially feasible probiotic food products for human and feed products for poultry using native isolates through biotechnological interventions

19. NIB

Total Count: 2

SI No.	Project ID	Sub-Project Title
1	817	Biochemical and molecular assay for Detection of <i>Vibrio</i> spp at Shrimp and Shrimp Farms in Bangladesh
2	820	DNA barcoding of common native livestock & poultry and crossbreed animals in Bangladesh: potential uses in conservation for increasing production

20. NSTU

Total Count: 2

SI No.	Project ID	Sub-Project Title
1	553	Performance of induce breeding of threatened small indigenous species (<i>Botia Dario</i> and <i>Lepidocephalichthys guntea</i>) with different stimulate hormones
2	587	Impact of aquaculture on agricultural production in greater Noakhali districts

21. PSTU

Total Count: 7

SI No.	Project ID	Sub-Project Title
1	311	Inhibition of arsenic accumulation in rice with phytofortification of microelements for nutritional safety
2	321	Seroprevalence and identification of associated risk factors of Q-fever (<i>Coxiellaburnetii</i>) in ruminants, an emerging zoonotic disease in Bangladesh
3	410	Development of Sustainable Aquaculture System in the Inundated Low-laying Agriculture Land in the Coastal Region of Bangladesh
4	442	Increasing Productivity of Cropping System in Some Coastal Areas of Bangladesh

5	464	Production of Asian Seabass (<i>Lates calcarifer</i>) in brackish and freshwater earthen pond under natural and artificial feeding regime in South-west Coastal zone of Bangladesh
6	554	Agricultural Imaging System for Rice and Mungbean Disease Detection and Management in Agro-Field
7	570	Improving crop yield by using polythene mulch and potassium fertilization in saline soils

22. Rajshahi University

Total Count: 4

Sl No.	Project ID	Sub-Project Title
1	313	Development of estrus synchronization protocols using hormones in anestrus cows for improved reproductive
2	316	Effects of vacuum and modified atmosphere packaging on microbiological and biochemical properties of fresh fish stored at refrigeration temperature (4 °C)
3	484	Management of Indigenous Fishes in Wetland (Gajner Beel, Pabna) Ecosystem
4	510	Development of nanomaterial mediated feed for improving growth and immunity of fishes

23. Shere Bangla Agricultural University

Total Count: 8

Sl No.	Project ID	Sub-Project Title
1	376	Adaption of a new species “Tomatillo (Physalis phyladelphica Lam./Physalis ixocarpa Brot.)”
2	413	Assessment of ecosystem services and benefits of rooftop gardening for climate-friendly city development using geospatial technology
3	429	Impact of Improved Aquaculture Technologies on Productivity and Livelihood of Fish Farmers in Bangladesh
4	432	Achieving adaptation to climate change and sustainable livelihood through Moringa based agroforestry practice in Bangladesh
5	609	DNA barcoding and metabarcoding of coral associated fish and zooplankton community of Saint Martin’s Island for effective conservation of marine life
6	613	Distribution, severity, species diversity and damage assessment of papaya mealybug
7	623	Rooftop Gardening: An Initiative to Spread Urban Horticulture with Changing Environment
8	670	Identification of Major Insect and Mite Pests of Major Vegetables in Bangladesh and their Eco-friendly Management

24. SRDI

Total Count: 1

Sl No.	Project ID	Sub-Project Title
1	787	Offline Fertilizer Recommendation through Mobile Apps

25. SDA

Total Count: 1

Sl No.	Project ID	Sub-Project Title
1	462	Study on environmental and socio-economic impact of Daudkandi model floodplain fisheries management

26. Sylhate Agricultural University

Total Count: 15

Sl No.	Project ID	Sub-Project Title
1	345	Productivity Enhancement of Promising Vegetable Varieties during Winter and Summer in Sylhet Region
2	349	Identification of causes of high calf mortality in buffalo and their mitigation measures in Bangladesh
3	403	Characterization of Mycoplasma gallisepticum isolates from Bangladesh and their use in production of diagnostic antigen and development of vaccine candidate
4	418	Growth and Productivity Assessment of Agar Plant (<i>Aquilariamalaccensis Roxb.</i>) through Management Practices
5	439	Evaluation of tree-crop interaction from existing agroforestry systems in Sylhet region for food security by the lens of climate-smart agriculture framework
6	454	Agricultural Practices and livelihood Patterns of Selected Tribal Communities in Bangladesh
7	473	Develop a hydrogeological framework and a sustainable crop establishment period for haor areas of Bangladesh
8	474	Status of insect biodiversity and ecosystem functions in tea estates of the Sylhet region

9	489	Development of Quality Value Added Fish Products and Utilization of By-products
10	512	Development of a sustainable agricultural risk management technology in areas affected by flash flood using numerical climate modeling data analysis
11	521	The future solutions for organic vegetables production in urban area
12	633	Innovation of flashflood coping rice technology for haor area through participatory approach
13	647	Floating bed fodder cultivation in submerged and flooded areas in Sylhet District: A tool for climate resilient livestock production
14	648	Potentials of modernization in fisheries sector of Bangladesh: Study on the peoples' profile, technologies and policies
15	674	Production and Productivity Improvement of Haor Floodplain Fisheries for Upliftment of Fishers' Livelihood