

Grant No. 40

143 - Ministry of Agriculture

Medium Terms Expenditure

(Taka in Thousands)

Description	Budget 2024-25	Projection	
		2025-26	2026-27
Operating Expenditure	20790,39,00	22968,17,00	25375,52,00
Development Expenditure	6423,92,00	7109,14,00	7854,12,00
Total	27214,31,00	30077,31,00	33229,64,00
Recurrent	23068,55,05	25013,78,13	26667,55,93
Capital	3892,70,95	5063,52,87	6562,08,07
Financial Asset	253,05,00	0	0
Liability	0	0	0
Total	27214,31,00	30077,31,00	33229,64,00

1.0 Mission Statement and Major Functions**1.1 Mission Statement**

Making agriculture sustainable and profitable by enhancing crop production and productivity, crop diversification, nutrient enriched safe crop production and developing modern market system as well as ensuring nutrition and food security for all.

1.2 Major Functions

- 1.2.1 Agriculture research and education programme;
- 1.2.2 Agricultural extension, training and building food based nutrition awareness;
- 1.2.3 Production, standardization, certification, preservation and distribution of seeds;
- 1.2.4 Soil survey and examination of the quality of soil, preserving soil health and recommendations;
- 1.2.5 Preservation and marketing of agricultural products;
- 1.2.6 Providing agricultural support and rehabilitation;
- 1.2.7 Innovation, collection and management of agricultural inputs and instruments; and
- 1.2.8 Extension of minor irrigation activities.

2.0 Medium Term Strategic Objectives and Activities

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
1. Increased production and productivity of crops	<ul style="list-style-type: none"> • Innovation of high yielding varieties of different crops, and technologies 	<ul style="list-style-type: none"> • Bangladesh Rice Research Institute • Bangladesh Institute of Nuclear Agriculture • Bangladesh Agricultural Research Institute • Bangladesh Jute Research Institute • Bangladesh Sugar crop Research

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
		Institute <ul style="list-style-type: none"> • Cotton Development Board • Bangladesh Wheat and Maize Research Institute
	<ul style="list-style-type: none"> • Expansion of innovated varieties and technology(training/ publicity and exhibition/ fair/ rally/ seminar/ organizing workshop 	<ul style="list-style-type: none"> • Department of Agricultural Extension • Bangladesh Agricultural Research Council • Bangladesh Rice Research Institute • Bangladesh Agricultural Research Institute • Bangladesh Institute of Nuclear Agriculture • Bangladesh Jute Research Institute • Bangladesh Sugar crop Research Institute • Bangladesh Institute of Research and Training on Applied Nutrition • Agriculture Information Service • Cotton Development Board • Bangladesh Wheat and Maize Research Institute • Seed Certification Agency • National Agricultural Training Academy • Bangladesh Sugar crop Research Institute
	<ul style="list-style-type: none"> • Provide training, publication and exhibition/ fair/ rally/ seminar/ workshop to bring the invented varieties and technologies to the farmers end 	<ul style="list-style-type: none"> • Department of Agricultural Extension • Bangladesh Agriculture Development Corporation • Cotton Development Board • Agriculture Information Service • Barendra Multipurpose Development Authority • Bangladesh Agricultural Research Council
	<ul style="list-style-type: none"> • Providing agriculture e-information services 	<ul style="list-style-type: none"> • Department of Agricultural Extension • Agriculture Information Service • Bangladesh Rice Research Institute • Bangladesh Agricultural Research Institute • Soil Resource Development Institute • Bangladesh Wheat and Maize Research Institute

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
		<ul style="list-style-type: none"> • Cotton Development Board • Bangladesh Institute of Nuclear Agriculture • Bangladesh Agriculture Marketing
	<ul style="list-style-type: none"> • Increasing awareness about food value and nutrition through publications, meetings and workshops 	<ul style="list-style-type: none"> • Bangladesh Institute of Research and Training on Applied Nutrition • Agriculture Information Service • Department of Agricultural Extension
	Safe crop management	<ul style="list-style-type: none"> • Department of Agricultural Extension • Bangladesh Rice Research Institute • Bangladesh Agricultural Research Institute • Cotton Development Board • Bangladesh Institute of Nuclear Agriculture • Bangladesh Agriculture Marketing • Bangladesh Sugar Crop Research Institute • Bangladesh Institute of Research and Training on Applied Nutrition • Seed Certification Agency
	Activities related to bilateral/multilateral cooperation with countries/ institutions for increasing agricultural production and productivity	<ul style="list-style-type: none"> • Bangladesh Rice Research Institute • Bangladesh Agricultural Research Institute • Bangladesh Wheat and Maize Research Institute • Bangladesh Institute of Nuclear Agriculture • Bangladesh Institute of Research and Training on Applied Nutrition • Bangladesh Jute Research institute • Bangladesh Agriculture Research Council
2. Increased supply and availability of agricultural inputs	<ul style="list-style-type: none"> • Ensuring supply of fertilizers and other materials at prescribed prices 	<ul style="list-style-type: none"> • Department of Agricultural Extension • Bangladesh Agriculture Development Corporation
	<ul style="list-style-type: none"> • Procuring and increasing availability of irrigation agricultural machinery 	<ul style="list-style-type: none"> • Barendra Multipurpose Development Authority
	<ul style="list-style-type: none"> • Management standardized seeds supply activities 	<ul style="list-style-type: none"> • Bangladesh Agriculture Development Corporation
	<ul style="list-style-type: none"> • Assessment of seeds production 	<ul style="list-style-type: none"> • Department of Agricultural Extension

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
	<p>target (breeder, foundation, certified and truthfully labeled seeds with adaptability to adverse environment like salinity, draught and water submergence)</p>	<ul style="list-style-type: none"> • Bangladesh Agriculture Development Corporation • Department of Agriculture Marketing • Seeds Certification Agency • Bangladesh Rice Research Institute • Bangladesh Agricultural Research Institute • Bangladesh Wheat and Maize Research Institute • Bangladesh Institute of Nuclear Agriculture • Bangladesh Institute of Research and Training on Applied Nutrition • Bangladesh Jute Research institute • Bangladesh Sugar Crop Research Institute • Cotton Development Board
	<ul style="list-style-type: none"> • Meeting, seminar, fair and exchange of technology to encourage participation of the private sector in production and development of seeds 	<ul style="list-style-type: none"> • Bangladesh Agricultural Research Institute • Bangladesh Agriculture Development Corporation • Cotton Development Board • Bangladesh Wheat and Maize Research Institute
	<ul style="list-style-type: none"> • Marketing and ginning of cotton seeds 	<ul style="list-style-type: none"> • Cotton Development Board
<p>3. Development and maintenance of agricultural land resource base management</p>	<ul style="list-style-type: none"> • Identification of soil and land resources through soil survey and classification of land and soil resources in terms of their productivity by extending of soil test facilities to Upazilla and Union levels 	<ul style="list-style-type: none"> • Soil Resource Development Institute
	<ul style="list-style-type: none"> • Popularizing the use of organic fertilizer, green manure and microbial fertilizer among the farmers 	<ul style="list-style-type: none"> • Department of Agricultural Extension • Agriculture Information Service • Bangladesh Institute of Nuclear Agriculture • Soil Resource Development Institute • Bangladesh Agricultural Research Institute
	<ul style="list-style-type: none"> • Expansion of minor irrigation coverage by encouraging optimal use of surface water, and increasing the area of arable land by reducing water logging and sub-mergence 	<ul style="list-style-type: none"> • Bangladesh Agriculture Development Corporation • Barendra Multipurpose Development Authority
	<ul style="list-style-type: none"> • Popularizing invention of sustainable 	<ul style="list-style-type: none"> • Soil Resources Development

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
	soil management technologies among the farmers	Institute <ul style="list-style-type: none"> • Bangladesh Institute of Nuclear Agriculture • Bangladesh Agricultural Research Institute
4. Support in supply, processing and effective marketing of agricultural products.	<ul style="list-style-type: none"> • Development infrastructure of agri marketing and monitoring 	<ul style="list-style-type: none"> • Department of Agriculture Marketing
	<ul style="list-style-type: none"> • Publicity and preservation of information on agriculture marketing and development 	<ul style="list-style-type: none"> • Department of Agriculture Marketing • Bangladesh Agriculture Development Corporation • Cotton Development Board • Agricultural Information Services
	<ul style="list-style-type: none"> • Construction, renovation and other facilities of market infrastructure and protection 	
	<ul style="list-style-type: none"> • Providing technological support and technical assistance to agricultural entrepreneurs and encouraging their investment in agro-processing and agro-business 	<ul style="list-style-type: none"> • Department of Agriculture Marketing • Department of Agricultural Extension
	<ul style="list-style-type: none"> • Coordination among concerned public and private departments/institutions for expansion of marketing facilities of agricultural products 	<ul style="list-style-type: none"> • Secretariat • Department of Agriculture Marketing
	<ul style="list-style-type: none"> • Investigating, communicating for agriculture and agro based products in international market and increase export 	<ul style="list-style-type: none"> • Department of Agriculture Marketing • Department of Agricultural Extension
	<ul style="list-style-type: none"> • Providing infrastructural support in production of export oriented agricultural products 	<ul style="list-style-type: none"> • Department of Agricultural Extension • Bangladesh Agriculture Development Corporation

3.0 Poverty, Gender and Climate Change Reporting

3.1 Impact of Medium Term Strategic Objectives on Poverty Reduction, Women's Advancement and Climate Change

3.1.1 Increased production and productivity of crops

Impact on poverty reduction: Innovation and extension of different varieties of high yielding paddy, wheat and other crops, tolerant to saline, draught and water submergence, and transfer of technologies, providing agriculture related information through e-agriculture, and higher education and training for agriculture scientists, extension workers, agriculture workers, and farmers created scope for the targeted beneficiaries, particularly the 30-60% small and marginal farmers to be involved in production of high value crops and there by enhance their earnings. These measures contribute to alleviation of poverty.

Impact on women's advancement: 30 Innovation and extension of different varieties of high yielding paddy, wheat and other crops, tolerant to saline, draught and water submergence, and transfer of technologies, providing agriculture related information through e-agriculture, and higher education and training for agriculture scientists, extension workers, agriculture workers, and farmers created scope for the targeted beneficiaries, particularly the 30-60% small and marginal farmers to be involved in production of high value crops and there by enhance their earnings. These measures contribute to alleviation of poverty.

Impact on Climate Change Adaptation and Mitigation: . 50% of adult women belonging to farming are directly/indirectly involved in crop production. Production of high value crops will create employment opportunities for women. Further, through targeted programs, women and children will get access to nutritious food. Women's participation in management of different targeted activities such as homestead fruits and vegetable gardening, crop yielding activities as well as production and preservation of seeds will promote their employment potential, increase their income level and as well as social status

3.1.2 Increased supply and availability of agricultural inputs

Impact on poverty reduction: Production has increased due to availability of agricultural inputs and increase of agriculture credits and as such, opportunity of farmer's income is being enhanced. Income and production including opportunity of employment generation are increasing for the poor people. This will make direct contribution to the alleviation of poverty.

Impact on women's advancement: Women's involvement in income generating activities is being increased with the increase in crop production. As a result, women's unemployment opportunity has been increased

Impact on Climate Change Adaptation and Mitigation: Timely distribution and efficient delivery of agricultural inputs are creating positive impacts on agricultural adaptation to climate change impacts. Efficient use of surface water has reduced the pressure on ground water extraction for irrigation purposes. Extension of improved irrigation methods has also improved the adaptive capacity of crops in the climate vulnerable regions.

3.1.3 Development and maintenance of Agricultural land resource base management.

Impact on poverty reduction: , Different activities like soil analysis and increasing popularity of balanced fertilizers such as organic, green and bio fertilizer will help small and marginal farmers of drought and famine prone areas to reduce the cost needed to protect the productivity of their land. As a result, production cost of the crops will reduce, economic solvency of the poor people will increase and thus poverty will be reduced.

Impact on women's advancement: Women's involvement in the preparation of organic and compost fertilizers creates their employment and increases their income levels.

Impact on Climate Change Adaptation and Mitigation: Along with the cropping, use of organic fertilizers, green fertilizers and germ fertilizers helps improving soil health at the local level to reduce the impacts of climate change.

3.1.4 Support in supply, processing and effective marketing of agricultural products

Impact on poverty reduction: Development of agricultural marketing and ensuring fair price for agricultural products have positive impact on the economic conditions of farmers. Creation of new market places and warehouses for crops reduces the influence of intermediaries, ensures fair price for products, improves economic conditions of farmers and helps to reduce the poverty of small and marginal farmers. Through encouraging investment in agri-business and agriculture programs, different labor-intensive activities such as trading in seeds, cultivation of mushroom, fruits, flowers, cactus and decorating plants create employment opportunities for the rural labor force.

Impact on women's advancement: Women are getting employed in increasing numbers through targeted agro-processing and agro-business activities. These activities promote women's participation in the labor market and enhance their social status and rights in accessing government resource and services.

Impact on Climate Change Adaptation and Mitigation: By creating and reforming market infrastructure and storage facilities together with technical support provision, agricultural entrepreneurs are being encouraged to use climate resilient technology, and invest in agri-businesses and processing. In addition, in emergency situations, seeds are being distributed to the farmers at the quickest possible time by expanding agricultural products' marketing facility and ensuring synergy between relevant government and private offices/organizations.

3.2 Poverty Reduction, Women's Advancement and Climate Change Related Allocation

(Taka in Thousand)

Description	Budget 2024-25	Projection	
		2025-26	2026-27
Poverty Reduction	23581,55,02	24559,02,80	25573,69,00
Gender	10805,48,92	12078,70,66	13378,08,23
Climate Change	10295,41,00	11324,95,10	12457,44,61

4.1 Priority Spending Areas/Programmers

Priority Spending Areas/Programmers	Related Medium Term Strategic Objectives
<p>1. On an average, 1% of total cultivable land of the country is shrinking every year due to industrialization, urbanization and growth of population. To meet the food requirement of the increasing population, increasing food production has become crucial. In this context, agricultural research activities to increase per hectare yield of rice, wheat, sugarcane and other crops and to produce crops of short duration and relay crops have been given the highest priority.</p>	<ul style="list-style-type: none"> • Increase production and productivity of crops • Increase supply and availability of agricultural inputs
<p>2. Production of quality seeds and determination of the right standard . The use of quality seeds is essential to increase crop yield. Production and supply of quality seeds according to the needs of farmers has therefore been given the second highest priority</p>	
<p>3. Activities related to extension of improved crop production technologies among the farmers (training, demonstrations, field days, rallies, fairs, media publicity) Extension of improved crop production technologies among the farmers is crucial to increase agricultural production. Accordingly, providing training for using improved technologies, observing field day, field demonstrations, rallies, agricultural fairs and publicity using e-agriculture information services are given the third highest priority.</p>	
<p>4. Optimal use of the surface water . Optimal use of surface water helps the expansion of minor irrigation infrastructure and increases availability of arable land through removal of water logging and water submergence. Hence, this sector has been given priority.</p>	
<p>5. Supply of sufficient agricultural products by expansion of Information and Communication Technology at the field level . Promotion of ICT applications such as e-agriculture to enable continuous and timely access to credible and accurate crop related information and advice, at the field level, has been accorded priority.</p>	

Priority Spending Areas/Programmers	Related Medium Term Strategic Objectives
<p>6. Optimal use of organic fertilizers in crop cultivation</p> <p>. The use of organic, green and bio fertilizers is necessary to preserve soil quality, improve soil health, reduce the dependency on chemical fertilizers, and increase crop yield. In this context, the inclusion of organic fertilizers in crop production has been considered as a priority area.</p>	<ul style="list-style-type: none"> Development and maintenance of Agricultural land resource base management

4.2 Medium Term Expenditure Estimates and Projection (2024-25 to 2026-26)

4.2.1 Expenditure by Department/Agencies/Institutional Units

(Taka in Thousands)

Description	Budget	Revised	Budget 2024-25	Projection	
	2023-24			2025-26	2026-27
Secretariat, Ministry of Agriculture	21176,28,00	28797,32,52	22043,90,89	26317,90,00	29962,48,00
Head Office, Department of Agricultural Extension	1972,17,62	2600,77,97	3039,58,19	1681,60,56	920,81,87
Offices of the Additional Director, Department of Agricultural Extension (DAE)	22,05,22	21,68,00	22,11,00	22,86,28	23,64,83
Offices of the Deputy Director, Department of Agricultural Extension (DAE)	100,55,40	97,34,40	103,45,10	114,39,71	119,27,80
Offices of the Upazila Agricultural Officer	1130,50,54	1116,33,78	1102,81,56	1187,47,16	1544,69,74
Offices of the Metropolitan Thana Agricultural Officer	19,79,00	20,34,00	21,87,79	22,61,93	23,67,36
Horticulture Centres, Department of Agricultural Extension	99,45,53	106,89,93	114,48,61	120,34,56	125,02,24
Plant Quarantine Stations, Department of Agricultural Extension	18,19,89	17,83,89	18,05,73	18,45,80	19,16,63
Agricultural Training Institutes	60,56,80	57,88,80	57,95,33	58,90,00	61,15,53
Head Office, Seed Certification Agency	18,65,91	16,92,17	15,61,31	16,00,00	17,00,00
Regional Seed Certification Offices & Seed Laboratories	7,20,09	7,16,53	9,95,48	12,00,00	14,00,00
District Seed Certification Offices	20,90,00	20,29,70	23,38,21	24,80,00	25,77,00
Head Office, Agricultural Information Service	13,88,13	13,99,75	15,22,22	18,23,02	21,90,61
Regional Offices, Agricultural Information Service	7,63,87	7,60,73	8,29,28	8,61,98	8,74,39
Head Office, Department of Agricultural Marketing	179,83,00	150,44,10	332,50,10	249,35,40	138,44,20
Divisional Agricultural Marketing Offices	6,04,55	5,71,94	7,48,10	7,95,90	8,51,80
Zonal Offices Department of Agricultural Marketing	1,89,80	1,92,48	2,42,30	2,57,70	2,75,80
District Marketing Offices, Department of Agricultural Marketing	18,60,55	20,20,55	22,19,40	23,60,60	25,26,50
Upazila Marketing Offices, Department of Agricultural Marketing	1,34,95	1,22,45	3,32,30	3,53,40	3,78,30
Regional Training Centers, Department of Agricultural Marketing	3,40,15	3,45,15	4,07,10	4,33,00	4,63,40
Head Office, Soil Resource Development Institute	116,79,39	75,66,82	96,35,71	23,97,89	23,02,12
Divisional Offices of Soil Resource Development Institute	6,88,22	6,29,50	8,52,80	8,57,56	9,12,02
Regional Offices of Soil Resource Development Institute	16,43,66	14,46,80	15,28,15	16,09,47	17,05,63
Research Centres of Soil Resource Development Institute	1,48,72	1,30,91	1,40,97	1,64,29	1,80,31
Regional Laboratories, Soil Resource Development Institute	11,47,20	10,45,75	11,33,35	11,22,20	11,04,77
Divisional Laboratories of Soil Resource Development Institute	9,56,81	8,80,21	9,55,02	10,34,59	11,77,15
Cotton Development Board	24,45,74	24,26,74	30,74,06	10,61,09	10,34,04
Regional Offices, Cotton Development Board	3,60,16	3,27,44	4,35,10	4,35,97	4,41,67
Zonal Offices, Cotton Development Board	27,23,70	23,21,12	26,00,10	28,17,29	29,42,10

Description	Budget	Revised	Budget 2024-25	Projection	
	2023-24			2025-26	2026-27
Cotton Research, Training and Seed Multiplication Farms, Cotton Development Board	12,57,40	12,50,90	14,89,74	15,85,65	16,62,19
National Agricultural Training Academy (NATA)	12,98,00	14,58,75	27,16,00	30,88,00	24,26,00
Grand Total :	25122,48,00	33280,23,78	27214,31,00	30077,31,00	33229,64,00

4.2.2 Expenditure by Economic Group Wise

(Taka in Thousands)

Economic Group	Description	Budget	Revised	Budget 2024-25	Projection	
		2023-24			2025-26	2026-27
	Recurrent Expenditure					
3111	Wages and salaries in cash	1636,22,76	1623,67,90	1625,35,51	1736,30,61	2116,39,53
3211	Administrative expenses	159,68,98	180,66,49	239,18,01	235,24,23	308,60,34
3221	Fees, charges and commissions	5,47,77	7,85,04	14,32,89	31,21,92	21,39,97
3231	Training	294,61,25	426,80,67	461,95,48	790,04,15	358,18,17
3243	Petrol, oil and lubricants	23,11,02	26,88,96	48,58,83	40,79,78	38,26,90
3244	Travel and Transfer	51,01,27	42,20,24	52,35,37	51,90,69	51,43,72
3251	Agriculture supplies	944,16,92	1040,98,70	968,70,75	779,39,67	787,20,35
3252	Medical and surgical supplies	5,57	5,42	7,06	8,22	12,32
3253	Public order and safety supplies	2,13,50	1,99,10	2,30,00	2,41,00	2,58,00
3254	Food supplies	2,00	2,00	2,00	3,00	5,00
3255	Printing and stationery	26,95,36	30,27,81	32,32,90	28,59,68	29,75,18
3256	General supplies and materials	13,95,86	20,15,84	18,91,67	24,24,75	23,22,16
3257	Professional services, honorariums and special expenses	82,41,10	87,37,93	282,35,33	109,19,65	83,86,50
3258	Repairs and maintenance	36,83,98	47,14,24	52,83,62	161,20,08	48,33,83
3511	Public nonfinancial corporations subsidies	17533,07,34	25643,99,69	17261,33,00	18603,87,00	20226,00,00
3631	Current grants	1267,94,50	1230,27,25	1292,31,80	1630,47,32	1814,06,43
3632	Capital grants	33,78,50	124,36,80	213,03,09	186,37,78	224,49,57
3731	Employment-related social benefits in cash	3,50	0	0	0	0
3821	Current transfers not elsewhere classified	7,86,32	8,28,36	11,72,84	7,76,88	7,63,28
3823	Current transfers for projects	267,65,75	346,70,63	466,19,20	391,35,22	322,43,66
3911	Reserve	256,63,79	17,99,37	24,65,70	203,26,50	203,51,02
	Total : - Recurrent Expenditure	22643,67,04	30907,72,44	23068,55,05	25013,78,13	26667,55,93
	Capital Expenditure					
4111	Buildings and structures	565,93,95	396,60,05	1010,63,05	200,42,35	38,40,27
4112	Machinery and equipment	230,61,46	426,45,90	529,84,45	133,97,07	94,36,62
4113	Other fixed assets	6,02,95	5,29,98	19,66,45	6,14,31	3,86,94
4141	Land	8,58,54	37,91,41	17,95,00	0	0
4211	Capital expenditure for project	1602,65,00	1461,08,00	2063,83,00	1519,29,28	849,07,24
4911	Reserve	64,06	0	250,79,00	3203,69,86	5576,37,00
	Total : - Capital Expenditure	2414,45,96	2327,35,34	3892,70,95	5063,52,87	6562,08,07
	Assets					
7215	Loans	64,35,00	45,16,00	253,05,00	0	0
	Total : - Assets	64,35,00	45,16,00	253,05,00	0	0
	Grand Total :	25122,48,00	33280,23,78	27214,31,00	30077,31,00	33229,64,00

5.0 Key Performance Indicator (KPIs)

Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
			2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10
1. Innovated varieties of improved crops and technologies									
a. Released/registered variety.	1	Number	3	5	6	6	7	8	9
b. Developed Technology.	1	Number	58	58	52	52	53	54	55
2. Extended coverage of soil sample testing facilities to determine soil standards	3	%	14.50	14.50	14.50	14.50	14.75	15.00	15.25
3. Extended coverage of minor irrigation facilities on agricultural land and increase of arable land	1, 2	Hectares (lakh)	12.25	12.25	12.85	12.76	13.08	13.40	13.68
		%	14.92	14.92	15.65	15.54	15.93	16.32	16.66
4. Production of major crops									
a) Rice	1,2,4	M.T. (Crore)	3.98	3.98	4.00	4.00	4.10	4.15	4.20
b) Wheat		M.T. (Lakh)	12.99	12.99	13.00	13.00	13.25	13.50	13.60
c) Potato		M.T. (Lakh)	113.33	113.33	113.50	113.50	113.90	113.75	114.00
d) Oil Seed		M.T. (Lakh)	12.81	12.81	12.90	12.90	13.00	13.20	14.00
e) Vegetable		M.T. (Lakh)	196.82	196.82	201.84	201.84	203.32	204.96	206.00
f) Maize		M.T. (Lakh)	57.87	57.87	58.95	58.95	59.48	60.02	61.02
g) Spices		M.T. (Lakh)	47.36	47.36	47.50	47.50	47.75	58.00	48.50
h) Pulse		M.T. (Lakh)	11.38	11.38	10.60	10.60	10.68	10.77	10.90
i) Jute		bel (Lakh)	80.22	80.22	80.50	80.50	80.75	81.00	82.00
Export of agricultural products									
a. Potato	4	M.T	56000	56000	57000	57000	58000	60000	60500
b. Mango		M.T	1800	1800	1900	1900	2000	2100	2200

6.0 Recent Achievements, Activities, Output Indicators and Targets and Expenditure Estimates of the Departments/Agencies

6.1 Secretariat

6.1.1 Recent Achievements: Due to the government's policy assistance and dynamic initiatives over the past three years (from 2020-21 to 2022-23), there has been a significant increase in agricultural production. A total of 1158.895 lakh metric tons of rice, 33.414 lakh metric tons of wheat, 304.637 lakh metric tons of potatoes, 639.299 lakh metric tons of vegetables, and 177.243 lakh metric tons of sugarcane have been produced. Moreover, approximately 1,21,805 metric tons of seeds for various crops have been supplied, along with 48,803.67873 crore taka allocated for fertilizers and other agricultural inputs. An additional 1347.4051 crore taka has been provided for agricultural subsidies. Furthermore, farmers have been supplied with various modern agricultural machinery, such as combined harvesters and rice transplanters, at significantly reduced prices ranging from 50% to 70%, totaling 13,900 units. During this period, the development of 100 high-yielding technologies for various crops, focusing on salinity, waterlogging, and drought tolerance, has also been achieved.

6.1.2 Activities, Output Indicators and Target

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
1. Coordination among concerned public and private institutions for expansion of marketing facilities	Coordination meeting	4	No.	4	4	4	4	4	4	4

6.1.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430101 - Secretariat, Ministry of Agriculture	1-4	40,02,90	63,55,00	48,80,10	58,24,69	70,00,00	75,00,00
Total : General Activity		40,02,90	63,55,00	48,80,10	58,24,69	70,00,00	75,00,00
Special Activity							
120000615 - Agriculture Subsidy Management	1	15172,79,98	17000,00,00	25000,00,00	17000,00,00	18603,87,00	20226,00,00
120000801 - Loans to Government Employees	-	5,13	4,50,00	4,50,00	0	0	0
120006504 - Agricultural Research Program	1-3	4,25,00	8,00,00	1,68,42	8,00,00	20,00,00	25,00,00
120006505 - Agriculture Rehabilitation Assistance	1	399,98,40	600,00,00	600,00,00	613,85,00	700,00,00	800,00,00
120009900 - Unnayan mela	1-4	0	1,00,00	1,00,00	1,00,00	3,00,00	4,00,00
120011000 - Exhibition and Adoption	1-4	68,42,93	70,00,00	57,88,89	50,00,00	94,60,00	100,00,00
120011100 - Agricultural fair and Exhibition	1-4	1,71,65	6,50,00	4,80,00	6,50,00	9,50,00	10,39,00
127000601 - Asia Pacific Association of Agricultural research Institutions (APAARI)	-	10,27	12,00	12,00	12,00	14,00	14,00
127001101 - Asia and the Pacific plant protection Commission (A.P.P.P.C.)	-	0	9,00	5,00	10,00	12,00	12,00
127002801 - CGIAR	-	0	3,50,00	3,50,00	3,50,00	4,50,00	5,00,00
127003601 - Commonwealth Agriculture Bureau	-	15,72	20,00	20,00	20,00	22,00	24,00
127005801 - FAO (Food and Agriculture Organisation)	-	1,02,83	86,00	66,00	86,00	96,00	100,00,00
127009901 - International Treaty on Plant Genetic Resources for Food and Agriculture	-	0	2,00	2,00	2,00	4,00	6,00
127011901 - International Seed Testing Association (ISTA)	-	0	8,00	8,00	7,00	9,00	10,00
127017301 - UNESCOAP	-	2,70	12,00	12,00	12,00	13,00	14,00
127023001 - Bangabandhu Research Chair, Global Institute for Food Security, Canada		1,67,00	1,90,00	0	2,10,00	2,20,00	2,40,00
Total : Special Activity		15650,21,61	17696,89,00	25674,62,31	17686,44,00	19439,37,00	21273,59,00
Total : Operating Activities		15690,24,51	17760,44,00	25723,42,41	17744,68,69	19509,37,00	21348,59,00
Development Activities							
Non-Annual Development Program							
213000143 - Reserve Allocation for Schemes of Ministry of Agriculture	1	0	1,25,25	16,25,00	20,00,21	200,00,00	200,00,00
Total : Non-Annual Development Program		0	1,25,25	16,25,00	20,00,21	200,00,00	200,00,00
Annual Development Program							
221000143 - ** Reserve for unapproved project Ministry of Agriculture	1	0	251,00,00	0	250,79,00	3202,86,00	5576,37,00
Total : Annual Development Program		0	251,00,00	0	250,79,00	3202,86,00	5576,37,00
Total : Development Activities		0	252,25,25	16,25,00	270,79,21	3402,86,00	5776,37,00
Total :		15690,24,51	18012,69,25	25739,67,41	18015,47,90	22912,23,00	27124,96,00

6.2 Department of Agricultural Extension

6.2.1 Recent Achievements: In Bangladesh, rice production rose to 1164.97 lakh metric tons from 2020-21 to 2022-23. Total food grain output, including rice, wheat, and maize, reached 1190.30 lakh metric tons. To share agricultural knowledge, 9.44 lakh demonstrations will be conducted, and 22.23 lakh farmers, with 39% women, will receive training in modern methods over four years. This project aim to boost productivity and promote gender equality. 23.10 lakh units of compost and vermicompost fertilizers were distributed to farmers to improve soil health. Pesticide use decreased from 42,240.56 metric tons in 2010 to 37,422 metric tons in 2020, showing an eco-friendlier approach. 4,90,02,100 trees will be planted over three years, including fruit-bearing and medicinal varieties, to enhance biodiversity and climate resilience. In 2022-23, Bangladesh exported 24.09 lakh M. tons of agricultural products, showcasing its commitment to global agricultural trade.

6.2.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Extension of Invented Varieties and Technologies (arrangement of Training, Publication and demonstration/ Fairs/ Rallies/ Seminars/ Workshops)	Demonstration set up	1	Number in Lakh	3.10	3.00	3.20	3.20	3.30	3.35	3.40
	Agriculture Fairs		98	96	100	100	101	102	103	
	Motivational Tour		Number ()	2400	2500	2600	2600	2700	2800	2900
	Seminar/ Workshop		Number	130	120	140	140	150	155	160
2. To take up the developed varieties and technologies at the farmer level, providing training, publishing and organizing demonstration /fairs/rallies/ seminars/ workshops	trained farmer	1	number	5.10	5.10	5.20	5.20	5.30	5.40	5.45
	field day/ farmer rally		Lakh	26.00	26.00	27.00	27.00	28.00	29.00	30.00
	Seminars/ Workshops		Number	130	125	140	140	145	150	155
3. Providing e-agriculture information on agriculture	ICM farmer's groups and farmer's clubs	1	Number	3100	2800	3200	3200	3300	3400	3500
4. Awareness raising through campaigns, publications, meetings and workshops on food quality and nutrition	Trained person	1	Number (Thousand)	17.00	17.50	18.00	18.00	19.00	19.20	19.40
5. Safe crop management	Trained farmers	1	Number (thousand)	5.10	5.00	5.20	5.20	5.30	5.35	5.40
6. Ensuring supply of fertilizers and other agricultural inputs at fixed prices	Inspection of fertilizer distribution	1	Number (thousand)	255	255	256	256	257	267	280
7. fixation the target of seed production (breeders, foundations, certified, and declared and salinity drought and waterlogging resistant seed production, certified storage and distribution	Distribution of certified and declared seeds	2	Metric Ton	4.10	4.00	4.20	4.20	4.30	4.35	4.40
8. Popularize the use of organic fertilizer, green fertilizer and microbial fertilizer among the farmers	Compost piles installed in the house	3	No. Lakh	7.74	7.00	7.75	7.75	7.76	7.77	7.78
	Number of green fertilizer demonstration		Number (in thousands)	6.10	6.00	6.20	6.20	6.30	6.35	6.36
9. Providing technology, technical support and processing to agricultural entrepreneurs and encouraging investment in agribusiness	trained farmers	4	Number (lakh)	4.50	4.50	4.60	4.60	4.70	4.80	4.90
10. International market exploration, communication and export promotion of agriculture and agricultural products	Net House	4	Number	2	2	2	2	2	2	2
	Integrated Cool Chain System (including Transport System			2	2	2	2	2	2	2
11. Providing infrastructural support in production of export oriented agricultural products	Central Pack House	4	Number	2	2	2	2	2	3	4
	Lab			3	3	3	3	2	3	3

6.2.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
			4	5	6	7	8
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430201 - Head Office, Department of Agricultural Extension	1-7	88,51,30	143,88,62	135,59,97	122,68,19	137,40,56	141,41,87
1430202 - Offices of the Additional Director, Department of Agricultural Extension (DAE)	1-7	15,69,45	22,05,22	21,68,00	22,11,00	22,86,28	23,64,83
1430203 - Offices of the Deputy Director, Department of Agricultural Extension (DAE)	1-7	77,23,69	100,55,40	97,34,40	103,45,10	114,39,71	119,27,80
1430204 - Offices of the Upazila Agricultural Officer	1-7	926,83,55	1130,50,54	1116,33,78	1102,81,56	1187,47,16	1544,69,74
1430205 - Offices of the Metropolitan Thana Agricultural Officer	1-7	14,84,84	19,79,00	20,34,00	21,87,79	22,61,93	23,67,36
1430206 - Horticulture Centres, Department of Agricultural Extension	1-7	76,39,07	99,45,53	106,89,93	114,48,61	120,34,56	125,02,24
1430207 - Plant Quarantine Stations, Department of Agricultural Extension	1-7	11,33,06	18,19,89	17,83,89	18,05,73	18,45,80	19,16,63
1430208 - Agricultural Training Institutes	1	43,04,79	60,56,80	57,88,80	57,95,33	58,90,00	61,15,53
Total : General Activity		1253,89,75	1595,01,00	1573,92,77	1563,43,31	1682,46,00	2058,06,00
Total : Operating Activities		1253,89,75	1595,01,00	1573,92,77	1563,43,31	1682,46,00	2058,06,00
Development Activities							
Non-Annual Development Program							
213040701 - Profitable Summer Tomato & Onion Production Enhancement Programme (01/07/2022-30/06/2025)	2	0	1,37,00	1,37,00	1,56,00	0	0
213042301 - Crope Production on Waterlogged and Fallow Land in Gopalganj District (01/07/2022-30/06/2024)	7	0	3,94,00	3,94,00	0	0	0
213042501 - Programme of Pest Risk Analysis for Fruit, Vegetables and cereal crops (01/07/2022-30/06/2024)	9	0	2,47,80	2,47,80	0	0	0
Total : Non-Annual Development Program		0	7,78,80	7,78,80	1,56,00	0	0
Annual Development Program							
222011300 - * Conservation of Ground Water and Raising its Use Efficiency and Productivity in Irrigated Agriculture in Bangladesh (01/07/2020-30/06/2024) (DAE Part) (1st revised)	3	83,49	14,00	49,00	0	0	0
222016400 - * Feasibility study of two projects titled "Beel Estuaries Food System Improvement Project (BEFSI) and Crop Commercialization and Productivity Improvement Project (CCPIP)"(01/04/2023-31/12/2023) Approved	11	0	0	1,30,00	0	0	0
223049700 - The Market-oriented Agriculture Promotion Project for Smallholder Horticulture Farmers through Multi-Stakeholder Partnerships (Bangla-SHEP) (01/07/2023 -30/06/2027)	10	0	0	7,90,00	9,93,00	8,31,00	1,27,00
224063900 - Argo-Meteorological Information Systems Development Project (Component-C) (01/07/2016-30/06/2024) Approved	2	85,48,20	21,78,00	14,08,00	8,43,00	0	0
224068600 - Year Round Fruit Production for Nutrition Improvement Project (01/07/2015 - 30/06/2025)	1	63,23,95	7,41,00	105,26,00	115,02,00	0	0
224117502 - * Research Extension and popularization of Vegetables and Spices Cultivation on Floating Bed (BARI Part) Project (DAE Part) (July, 2017 to June, 2024)	1	6,00,70	45,00	7,69,00	0	0	0
224252400 - *Gopalganj, Khulna, Bagerhat, Shatkira and Pirojpur Agricultural Development Project (GKBSPADP) (DAE Part) (01/07/2018-30/06/2024)	1	11,85,92	11,91,00	19,57,00	0	0	0
224257400 - * Barishal, Patuakhali, Bhola, Jhalokathi, Borguna, Madaripur and Shariatpur Agricultural Development Project.(01/07/2018-30/06/2024)	1	14,68,63	21,00,00	20,97,00	34,00,00	0	0
224262000 - Safe Crop Production Project through Eco friendly Approach.(1st Revised)(31/10/2018-30/06/2024)	1	32,06,12	43,40,00	43,18,00	0	0	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
224263500 - Smallholder Agricultural Competitiveness Project (SACP) (DAE Part) (2nd revised) (01/07/2018 - 30/06/2026)	1	43,65,17	36,50,00	85,18,00	168,10,00	83,00,00	0
224263800 - * Rangpur Division Agriculture and Rural Development Project (LGED Part) (01/07/2018 - 30/06/2024)	1	28,38,10	82,00,00	80,00,00	78,56,00	0	0
224263900 - * Rangpur division Agriculture and Rural Development Project (DAE Part) (01/07/2018-30/06/2024)	1	8,84,86	28,50,00	13,27,00	44,43,00	0	0
224285100 - Citrus Crops Extension, Management and Production Enhancement Project (01/03/2019-21/12/2024)	1	26,36,72	17,50,00	24,23,00	16,28,00	0	0
224285200 - Production, Storage and Distribution of Quality Seeds of Rice, Wheat & Jute at Farmers Level Through Modern Technology Project (01/02/2019-30/06/2024)	1	53,68,47	57,00,00	58,00,00	0	0	0
224285300 - Tuber Crops Development Project (01/03/2019-31/12/2024)	1	39,70,80	52,00,00	46,65,00	15,97,00	0	0
224316900 - Agriculture Development Project for Rajshahi Division through the Expansion of Modern Technology	1	31,89,16	50,57,00	49,85,00	23,70,00	13,74,00	0
224321300 - Farm Mechanization Through Integrated Management Project	3	762,12,31	698,56,00	698,56,00	508,08,00	0	0
224321400 - Increasing Cropping Intensity in Greater Mymensingh Region Project (01/07/2020 - 30/06/2026)	1	29,86,42	40,00,00	29,40,00	33,00,00	15,00,00	0
224322400 - Enhance Production of Oil Crops (EPOC) Project, DAE Part (1st revised)(01/07/2020-30/06/2025) Approved	1	52,12,35	56,92,00	64,63,00	74,35,00	0	0
224334800 - Establishment of Family Nutrition Garden in Homestead and Uncultivable Fallow Land Project (01/01/2021 - 31/12/2024)	1	80,03,98	150,00,00	151,33,00	98,94,00	0	0
224335000 - Research, Development & Extension of Cashewnut & Coffee Project, DAE Part.	1	31,97,98	40,00,00	28,00,00	30,23,00	20,00,00	0
224345600 - Upgradation of Existing Plant Quarantine Laboratory at Central Packing House to International Standard Project (01/10/2021-30/06/2025)	2	3,41,25	16,50,00	100,75,00	34,66,00	0	0
224346300 - Adaptation to Climate change Through Climate-Smart Technologies in Khulna Agriculture Region (01/07/2021-30/06/2024)	2	5,41,45	21,00,00	17,91,00	14,15,00	0	0
224347600 - Establishment of two Agriculture Training Institute (ATI) at Jogonathpur and Mohonganj Upazila (01/07/2021-30/06/2026)	2	51,87	80,00,00	45,28,00	160,59,00	150,73,00	0
224354200 - Agricultural Development in Sylhet Region through Modern Technologies Project. (01/01/2022-31/12/2026)	2	85,48	60,00,00	96,10,00	40,20,00	40,37,00	40,37,00
224355700 - Climate-Smart Agriculture and Water Management (CSAWM), DAE Part (01/01/2022-31/12/2026)	2	0	45,10,00	27,88,00	34,62,00	25,00,00	24,09,00
224361400 - Exportable Mango Production Project (01/07/2022-30/06/2027)	11	0	16,00,00	16,50,00	12,00,00	8,00,00	5,80,00
224363400 - Extension of improved variety & Technology of Spices Project (01/07/2022-30/06/2027)	2	0	35,00,00	43,73,00	52,00,00	23,73,00	16,34,00
224363500 - Sustainable Agricultural Extension in Jashore Region Project (SAEJP) (01/07/2022-30/06/2027)	1	0	42,00,00	37,87,00	45,61,00	44,54,00	31,44,00
224368100 - Improvement of Nutrition and Reduction of Poverty through Mushroom Cultivation (01/01/2023-31/12/2027)	2	0	28,77,00	21,14,00	30,93,00	19,63,00	18,40,00
224369900 - Sustainable Agricultural Development in Dinajpur Region Project (SADDRP) (01/01/2023-31/12/2027)	1	0	15,14,00	15,14,00	15,14,00	15,05,00	13,82,00
224370600 - Strengthening Nutrition and Food Security Through Agricultural Development Project (DAE part) (01/01/2023-30/09/2027)	4	0	53,14,00	50,52,00	25,65,00	25,64,00	15,64,00
224374000 - Flood Reconstruction Emergency Assistance Project (FREAP) (01/04/2023 - 31/03/2026)	4	0	0	99,19,00	152,92,00	25,64,00	15,69,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
224375200 - Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship, and Resilience in Bangladesh (PARTNER) Project – (PCU & APCU) DAE Lead Agency (01/07/2023 - 30/06/2028)	4	0	0	330,83,00	827,77,00	956,59,00	530,11,00
224382300 - Tissue Culture Laboratory cum Horticulture Center Establishment and Development Project (01/09/2023 - 30/06/2028)	2	0	0	8,25,00	165,00,00	17,32,00	14,82,00
224385000 - Extension of Modern Agricultural Technologies in Char Areas of Bangladesh Project (01/07/2023 - 30/06/2028)	1	0	0	4,55,00	46,64,00	51,91,00	51,61,00
Total : Annual Development Program		1413,03,38	1828,29,00	2465,18,00	2916,90,00	1544,20,00	779,40,00
Total : Development Activities		1413,03,38	1836,07,80	2472,96,80	2918,46,00	1544,20,00	779,40,00
Total :		2666,93,13	3431,08,80	4046,89,57	4481,89,31	3226,66,00	2837,46,00

6.3 Bangladesh Agriculture Development Corporation

6.3.1 Recent Achievements: The remarkable achievements for the last three (03) years are: Production of 4.63 lac MT seeds of various crops and distribution of 4.39 lac MT of the same; production and distribution of 1245.43 lac pieces of seedlings and cuttings; production and distribution of 11.75 lac MT of vegetables and fruits. Import of 53.97 lac MT of non-urea fertilizer (TSP, MOP & DAP) and distribution of 48.54 lac MT of the same. Construction of 12 nos. of pre-fabricated steel fertilizer godown, 02 nos. of rubber dam, 01 no. of hydraulic elevator dam. Excavation /re-excavation/ reformation of 2690 km canal, establishment of 51 km surface irrigation channels and 2772 km buried irrigation channels. Installation and fielding of 889 LLP (Low Lift Pump)/Floating Pump, irrigation coverage extension of 0.96 lac hectares land, construction of 62 nos. of crop protection dams, installation of 369 nos. of solar pump, construction of 267 nos. of dugwell, installation of 115 nos. of drip irrigation plots and set up 12 nos. of exhibition plot of sprinkler irrigation system.

6.3.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8	9	10	11
1. Organizing training, publishing and exhibition/ fairs/rallies/seminars/workshops for developed varieties and technologies to reach at the farmers' level	trainees	1	No. (in thousands)	29.39	13.46	29.34	16.30	23.90	24.50	24.70
	Seminar Workshop		Number	22.00	13.00	25.00	13.00	16.00	15.00	13.00
2. Ensuring the supply of fertilizers and other inputs at administered prices	Non-urea fertilizer distributed	2	Lakh Metric Ton	11.25	16.02	11.25	11.25	11.50	12.25	12.50
	Distributed TSP			1.75	3.23	1.75	1.75	1.75	2.00	2.00
	Distributed DAP			6.50	6.67	6.50	6.50	6.75	7.00	7.00
	Distributed MOP			3.00	6.12	3.00	3.00	3.00	3.25	3.50
	Irrigation machinery distribution			400.00	400.00	400.00	400.00	400.00	300.00	70.00
Construction of surface and buried pipe irrigation channel	1000.00	1000.00	600.00	500.00	300.00	300.00	450.00			
3. Quality Seed Supply Activities management	Seedlings Production	2	Number (lak)	420.35	416.69	425.63	425.53	431.91	434.76	437.54
	Seedlings Distribution			420.35	416.55	425.63	425.53	431.91	434.76	437.64
	Vegetables and fruits production		Metric Ton (lac)	3.96	4.08	3.99	3.99	4.22	4.50	4.64

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets					
				2022-23	2023-24	2024-25	2025-26	2026-27					
1	2	3	4	5	6	7	8	9	10	11			
	Vegetables and fruits distribution			3.96	4.04	3.99	3.99	4.22	4.50	4.68			
4. Determination of seeds production targets (Breeder, Foundation, Certified, Truthfully Labeled, salinity, draught and submergence tolerant varieties), Production, Certification, Preservation and Distribution of seeds.	Seed Production	2	Metric ton	1.470	1.584	1.480	1.480	1.490	1.500	1.510			
	Foundation seed production			16.50	21.932	17.00	17.00	17.00	17.00	17.00	17.00		
	Certified seed production			84.00	103.728	84.50	111.00	112.00	113.00	114.00			
	Production of standard declared / Truthfully labeled seeds			46.50	32.790	46.50	20.00	20.00	20.00	20.00	20.00		
	Production of adverse tolerant seeds varieties	2		19.50	24.369	19.50	19.50	20.00	21.00	22.00			
5. Production, certification and distribution of breeder, foundation, certified and truthfully labelled seeds	distributed seeds	2	Matric ton (lac0	1.460	1.520	1.470	1.590	1.480	1.490	1.500			
	foundation seeds			16.500	16.743	16.50	21.93	17.00	17.00	17.00			
	Certified seeds			83.500	114.612	84.00	110.50	111.00	112.00	113.00			
	Distribution of standard declared / Truthfully labeled seeds			46.000	20.253	46.50	26.18	20.00	20.00	20.00			
	Distribution of seeds of adversely tolerant varieties			19.500	30.302	19.50	24.37	19.50	20.00	21.00			
6. Organizing seminars, fairs and exchanging of technologies for encouraging private sector participation in seed production and development.	Organisation of meetings / seminars	2	Number	57.00	51.00	54.00	52.00	52.00	52.00	52.00			
				7. Activities regarding enhancement of arable land by preservation of water, expanding minor irrigation activities, eliminating waterlogging and submergence to encourage the use of surface water.	2	Hectare (lac)	0.40	0.40	0.30	0.21	0.22	0.23	0.22
				Increase the amount of cultivated land			6.83	6.83	7.13	7.04	7.26	7.49	7.71
				Re-excavation of canal/channel		Kilometer	850.00	850.00	600.00	400.00	350.00	230.00	300.00
				Construction of irrigation infrastructure		Numbr	600.00	600.00	550.00	650.00	650.00	600.00	400.00
Irrigated area	Hectare (lac)	6.83	6.83	7.13		7.04	7.26	7.49	7.71				
8. Promoting and preserving information on agricultural marketing and development	taking up promotional activities	4	number	4.00	5.00	6.00	6.00	7.00	7.00	7.00			
9. Searching international market, communication and enhancing export of agricultural products	International market research and communication	4	Number	5.00	4.00	5.00	3.00	3.00	3.00	3.00			
	Support in Export of agricultural products		M.T	10.00	2.90	10.00	2.80	2.85	2.90	2.95			

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
10. To provide infrastructural support for the production of export oriented agricultural products	Establishment of Tissue Culture Lab	4	Number	1.00	0.00	1.00	1.00	1.00	1.00	1.00
	Net house construction			1.00	1.00	1.00	1.00	1.00	2.00	2.00
	Greenhouse construction			1.00	0.00	1.00	1.00	1.00	1.00	1.00

6.3.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
133003200 - Bangladesh Agricultural Development Corporation.	1-7	447,56,11	490,00,00	482,17,00	483,71,00	580,00,00	626,00,00
Total : Support Activity		447,56,11	490,00,00	482,17,00	483,71,00	580,00,00	626,00,00
Total : Operating Activities		447,56,11	490,00,00	482,17,00	483,71,00	580,00,00	626,00,00
Development Activities							
Non-Annual Development Program							
213040801 - Irrigation Expansion Programme through Ground Water Using Renewable Energy in Kawkhali, Langadu, Kaptai and Sadar Upazilas of Rangamati District(01/07/2023-30/06/2025)	6	0	2,39,86	2,39,86	2,10,14	0	0
213040901 - Programme for Reduction of water logged area and irrigation area expansion at Dhanbari and Madhabpur Upazila of Tangail District(01/07/2022-30/06/2024)	6	0	1,25,00	1,25,00	0	0	0
213041001 - Established a Tissue Culture Laboratory for Production and Development of High Value Crop through Application of Biotechnology at Tangail District (01/07/2022-30/06/2024)	1	0	2,37,50	2,37,50	0	0	0
213041101 - Programme for Mitigati on of Water Logging & Irrigation Area Extension in Nandail Upazila Under Mymensingh District (01/07/2022-30/06/2025)	6	0	95,30	95,30	2,59,20	0	0
213042201 - Modern Irrigation Management System to Increase food Production at Upazila in Bagerhat (01/07/2022-30/06/2025)	6	0	79,75	79,75	3,37,25	0	0
213042401 - Extension of Irrigated Area & Irrigation Efficiency Enhancing Programme in Muktagacha Upazila Under Mymensingh District (01/07/2022-30/06/2024)	6	0	2,60,50	2,60,50	0	0	0
Total : Non-Annual Development Program		0	10,37,91	10,37,91	8,06,59	0	0
Annual Development Program							
222011600 - * Conservation of Ground Water and Raising Its Use Efficiency and Productivity in Irrigated Agriculture in Bangladesh (BADC Part) (1st revised) (01/07/2020-30/06/2024)	3	34,00	1,00	4,00	0	0	0
223046300 - Pilot Research Project on Irrigation Water Management and Web-based Agricultural Information System for Bangladesh (Web-AIS) Project(01/07/2021-30/06/2026)	6	0	19,16,00	18,68,00	20,69,00	23,63,00	0
224242400 - Renovation, Modernization and Construction of office Buildings and Infrastructures of BADC (2nd revised) (01/07/2018-30/06/2024)	2	49,70,00	10,86,00	35,05,00	0	0	0
224255800 - Enhancing the Capability of Vegetable Seed Division , BADC by Strengthening Hybrid Vegetable Seed Production, Processing Preservation & Distribution Activities Project.	1	6,35,00	5,92,00	5,91,00	0	0	0
224263600 - Smallholder Agricultural Competitiveness Project (SACP) (BADC Part) (01/07/2018 - 30/06/2026)	1	31,35,20	115,60,00	58,32,00	90,60,00	56,05,00	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
224297600 - Maintenance, Rehabilitation of BADC's Existing Fertilizer Godowns and Construction of New Godowns for Strengthening of Fertilizer Management Activities Project (2nd Phase).	2	50,00,00	124,81,00	91,31,00	75,67,00	0	0
224298300 - Greater Faridpur Irrigation area Development (Phase-4) Project (01/07/2019 - 30/06/2024)	3	32,07,00	52,51,00	49,17,00	0	0	0
224298500 - Cumilla-Chadpur-Brahmanbaria District Irrigation area Development project	3	91,71,00	61,63,00	36,99,00	0	0	0
224298600 - Pabna-Natore-Sirajganj District Irrigation Development through Surface Water Project (01/07/2019-30/06/2025)	3	98,87,00	170,00,00	160,00,00	59,31,00	0	0
224299600 - Strengthening Production, Preservation & Distribution of Quality Seed Potato to the Farm project (1st revised) (01/09/2019 - 30/06/2025)	2	155,00,00	148,88,00	63,38,00	155,92,00	0	0
224318600 - Modernization of Pulse & Oil Seed Multiplication Farm and Seed Production and Processing Through Contract Growers at Subarnachar Upazila in Noakhali District (01/04/2020-31/12/2025)	1	12,33,00	6,87,00	7,73,00	3,64,00	1,88,00	0
224320100 - Mujibnagar Irrigation Development Project (1st revised) (01/07/2020-30/06/2025) Approved	3	62,41,00	43,46,00	43,46,00	56,52,00	0	0
224321100 - Production, Processing and Distribution Of Quality Spices Seed (01/06/2020 - 30/06/2024)	4	24,49,00	8,50,00	16,78,00	0	0	0
224327100 - Enhance Production of Oil Crops (EPOC) Project BADC part	1	3,85,00	5,87,00	6,73,00	3,87,00	0	0
224339500 - Development and Multiplication of Agricultural Seeds Through Biotechnology (01/07/2021-30/06/2025)	3	10,00,00	24,42,00	15,93,00	33,39,00	0	0
224363800 - Vapour Heat Treatment [VHT] plant establishment project to boost up mango and other fresh agro-products export. (01/07/2022-31/06/2025)	4	0	14,09,00	16,85,00	3,43,00	0	0
224368000 - Establishment of Seed Multiplication Farm at South-Eastern Region of Bangladesh (1st revised) (01/03/2022-30/09/2026)	2	0	393,45,00	34,20,00	350,74,00	14,00,00	18,26,00
224374600 - Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER) Project – BADC part (01/07/2023 - 30/06/2028)	4	0	0	134,76,00	229,01,00	235,45,00	235,45,00
224380600 - Chattogram and Cox's Bazar District Irrigation Development Project Through Surface Water Utilization (01/07/2023 - 30/06/2028)	6	0	0	74,55,00	150,00,00	160,38,00	114,37,00
224382800 - Barisal, Bhola, Jhalkathi and Pirojpur District Irrigation Development Project (01/09/2023 - 31/12/2026)	6	0	0	42,83,00	130,00,00	140,00,00	26,92,00
224394400 - Strengthening Seed supply Activities of BADC to the Farmer's Level	3	0	0	0	36,00,00	25,10,00	25,10,00
224394500 - Project for Application of Water Efficient Irrigation Technology and Construction of Poly shed for cultivation of safe vegetables, Fruits and Flowers	6	0	0	0	26,71,00	70,00,00	65,00,00
Total : Annual Development Program		628,47,20	1206,04,00	912,67,00	1425,50,00	726,49,00	485,10,00
Total : Development Activities		628,47,20	1216,41,91	923,04,91	1433,56,59	726,49,00	485,10,00
Total :		1076,03,31	1706,41,91	1405,21,91	1917,27,59	1306,49,00	1111,10,00

6.4 Bangladesh Rice Research Institute

6.4.1 Recent Achievements: During the last three years (2020-21 to 2022-23), total 14 high yielding varieties of rice have been developed and released. Among them in Boro season 1 aromatic tall-slim exportable, 2 zinc rich, 1 high protein rich, 1 drought tolerant rice variety; in Aman season 1 tall-narrow, 2 Indian golden rice alternatives, 1 submergence tolerant and 1 low input and 1 drought tolerant, 1 short term water efficient and 2 hybrid rice varieties in Aush season. Besides, 1 Rice Transplanter cum USG applicator, Whole Feed Combine Harvester and 1 BRRI Seed Sower Machine have been innovated. About 468 MT breeder seeds have been produced and supplied to more than 500 governments, private, NGOs and individual

entrepreneurs connected with the seed production-network. To facilitate technology transfer, training has been provided to 28000 farmers, agricultural workers, and officials; 31100 field demonstration, 200 Symposiums/Seminar/workshops, 70 fairs/ rally have been organized. And 1.72 lakh copies of various booklets have been published in three years of 46 publications including Modern Rice Cultivation, Rice Journal, Annual Report of Research

6.4.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Innovation and approval of high yielding and adverse tolerant varieties and technologies of different crops.	Realsed rice variety in favorable condition	1	Nos.	1	1	1	1	2	2	3
	Innovated technologies(variety related) in favorable condition			1	1	1	1	2	2	3
	Other technology in favorable condition			1	1	1	1	2	3	4
	Released rice varieties in adverse condition			1	1	1	1	1	1	2
	Innovated technologies(variety related) in adverse condition			1	1	1	1	1	1	2
	Other technology in adverse condition			1	1	1	1	2	3	4
	Innovated/ Development of agricultural machinaries			1	1	1	1	1	1	1
2. Extension of innovated varieties and technologies(Arranged training, publication and demonstration/ fairs /rally/ seminar/ workshop	Trained Persons/ Farmers	1	Nos (thousand)	3.00	3.50	4.0	4.0	4.0	5.50	5.80
	Trained Extensions Officers /Workers			0.30	0.50	0.40	0.40	0.70	1.00	1.20
	Demonstration establishment			5.00	5.50	6.0	6.0	6.60	6.00	6.20
	Transferred varities to DAE	1	Nos	2	2	2	2	3	3	5
	Transferred technologies to DAE			2	2	2	2	3	3	5
	Arranged seminar/ workshop			35	40	40	40	45	50	55
	Number of publication			7	10	10	10	10	11	13
3. Providing agriculture e– information service	Persons benefited from BRKB	1	Nos	4.29	4.292	4.60	4.60	4.65	4.65	4.75
	Providing sms on Agricultural Climate issues			12	12	12	12	12	13	14

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
4. Save crop management	Tested Phytosanitary specimens	1	%	100	100	100	100	100	100	100
	Training farmers/ officers on IPM/ICM		nos	50	120	200	200	125	130	135
5. Activities related to bilateral /multilateral cooperation with different countries/institutes for increasing agricultural production and productivity		2	nos	-	2	2	2	1	2	2
6. Seed production targeting (Breeder, foundation, certified and declared standard and including tolerant to salinity, drought, water stagnant and water submerged variety) ,production, certified, conservation and distribution	Breeder seeds produced	2	Metric Ton)	110	136.13	150	150	150	155	160
	Breeder seeds distributed			110	124.81	150	150	150	155	160
	Truthfully labelled seed produced			50	198.20	150	150	160	170	170
	Truthfully labelled seeds distributed			50	70.47	150	150	160	170	170
	Produced adverse resistant seeds			30	37.16	50	50	50	55	60
	Distributed adverse resistant seeds			30	30.14	50	50	50	55	60

6.4.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131014700 - Bangladesh Rice Research Institute	1-6	112,14,98	124,00,00	122,58,50	131,85,00	160,00,00	190,00,00
Total : Support Activity		112,14,98	124,00,00	122,58,50	131,85,00	160,00,00	190,00,00
Total : Operating Activities		112,14,98	124,00,00	122,58,50	131,85,00	160,00,00	190,00,00
Development Activities							
Non-Annual Development Program							
213039601 - Continuation of New Generation Rice (C4-Rice) Research and Improving Research Competency	1	11,00	2,55,05	2,55,05	0	0	0
213039701 - Enhancement the Research and Development Facilities of BRRRI Regional Station Cumilla and Ensure Food Security	1	85,00	2,25,00	2,25,00	0	0	0
213039801 - Strengthening Research Activities and Dissemination Sustainable Rice Technologies of BRRRI Regional Station Sonagazi, Feni	1	1,24,00	1,10,00	1,10,00	0	0	0
Total : Non-Annual Development Program		2,20,00	5,90,05	5,90,05	0	0	0
Annual Development Program							
224298400 - Strengthening Farm Machinery Research Activity for Mechanized Rice Cultivation Project (01/07/2019 - 30/06/2025)	1	9,00,00	10,45,00	5,50,00	8,73,00	0	0
224344400 - High Yielding Hybrid Rice Variety Development through Modernization of Research (01/07/2021-30/06/2026)	1	3,00,00	16,25,00	16,25,00	9,00,00	7,67,00	0
224374900 - Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER) Project – BRRRI part (01/07/2023 - 30/06/2028)	1	0	0	65,43,00	156,27,00	165,67,00	126,95,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
224378900 - Innovation of location-specific rice varieties and technologies by setting up 06 new regional stations and development of existing research laboratories (01/07/2023 - 30/06/2028)	1	0	0	7,69,00	155,30,00	79,36,00	79,36,00
Total : Annual Development Program		12,00,00	26,70,00	94,87,00	329,30,00	252,70,00	206,31,00
Total : Development Activities		14,20,00	32,60,05	100,77,05	329,30,00	252,70,00	206,31,00
Total :		126,34,98	156,60,05	223,35,55	461,15,00	412,70,00	396,31,00

6.5 Bangladesh Agricultural Research Institute

6.5.1 Recent Achievements: During the last three years (2020-21, 2021-22 and 2022-23) 66 varieties of crops (vegetables, fruits, tuber crops, oilseeds, pulses, non-rice cereals, flowers, and spices) were developed. During this time 70 production technologies were developed on soil, fertilizer and water management, disease and insect pest management, crop intensification post-harvest handling, processing and transportation of crops, and 4 agricultural machineries were also developed for mechanized agriculture. A total of 39,200 persons were trained up. Moreover, 36,000 persons were informed about the developed technologies by conducting and arranging 144 seminar, symposium, workshops and 450 field days. Besides, 950 m.ton seeds (Breeder and TLS) of BARI developed varieties and 37 lakh seedlings/saplings/cuttings were produced and distributed among the farmers and entrepreneurs in that period. In this time almost 6 lakh farmers were informed e-agriculture service. For the dissemination of technology 4000 demonstration blocks were set up. 220 books, reports, bulletin, leaflet & booklets were published for disseminating new variety & technology.

6.5.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
1. Release and approval of high yielding and climate resilient/ stress tolerant varieties of different crops, and production technologies	Released variety (high yielding, nutrient enrich etc.)	1	Number	23	25	20	20	21	22	23
	Innovated/developed technologies			38	41	30	30	30	32	35
2. Dissemination activities of varieties and technologies (training, publication and demonstration/ seminar/workshop conducted)	Training (15-20% woman trainees)	1	Person	8.60	9.08	5.30	5.30	8.00	10.00	11.00
	Publication		(Number)	40	45	40	40	40	40	42
	Demonstration block		(in thousands)	1200	1453	500	500	1250	1300	1400
	Seminar/workshop		Person	44	52	44	44	46	46	48
	Field days/Rally			155	161	155	155	160	165	170
3. Providing e-agriculture information service	Benefited farmer	1	Persons in Thousands	100	101	100	100	103	105	108
4. Management for safe crop production	Soil, water, crop, fertilizer, pesticide residue analysis	2	number)	3800	4265	3200	3200	4000	4000	4100
5. Memorandum of understanding with different foreign and local organizations to enhance agriculture production & productivity	Signing of MoU	2	number	4	5	4	4	4	5	7
6. Seed production target (Breeder, foundation, certified, TLS and stress (drought, salinity, submergence) tolerant seed production, certification, storing and distribution)	Produced breeder seed	2	ton	300	328.16	250	250	300	325	340
	Produced sapling/bud/cutting		number	14.25	17.96	9.00	9.00	14.75	14.75	15.00
7. Arrangement of meeting, seminar, fair for the exchange of technologies with non-government sector for the production and development of seed	Arrangement of meeting, seminar and seed fair	2	number	6	6	5	5	7	8	10

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
8. Popularization of organic manure, green manure, bio-fertilizer use among farmers (kg, ton)	Production of organic manure	3	kg	710	710	600	600	730	740	750
	Production of bio-fertilizer		kg	400	400	400	400	400	400	420
	Training (15-20% woman trainees)		person	90	90	90	90	120	120	130
9. Development of sustainable soil management technologies and popularization among farmers	Development of technologies	3	number	4	4	4	4	5	5	7
	Training (15-20% woman trainees)		person	120	120	120	120	150	150	160

6.5.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131014800 - Bangladesh Agriculture Research Institute	1-6	296,91,50	324,97,00	321,80,64	346,89,00	420,00,00	470,00,00
Total : Support Activity		296,91,50	324,97,00	321,80,64	346,89,00	420,00,00	470,00,00
Total : Operating Activities		296,91,50	324,97,00	321,80,64	346,89,00	420,00,00	470,00,00
Development Activities							
Non-Annual Development Program							
213039401 - Development of Canola Type Rapeseed Variety for Cultivation between T. Aman and Boro Rice	1	48,93	2,03,48	2,03,48	0	0	0
213039501 - Strengthening of Food and Nutrition Security Program through Gene Pool Enrichment, Research, Technology Development and Improved Variety Dissemination of Aroids	1	32,45	2,47,15	2,47,15	0	0	0
213041201 - Year round bulb production, reduction of post-harvest losses and storage technologies development of summer onion and its dissemination (01/07/2022-30/06/2025)	1	0	70,00	70,00	1,79,00	0	0
213041301 - Production of micro-propagated sapling of BARI Kola-1, BARI Kola-5 and G-9 banana varieties through tissue culture technique & its dissemination (01/07/2022-30/06/2025)	1	0	90,50	90,50	79,50	0	0
Total : Non-Annual Development Program		81,38	6,11,13	6,11,13	2,58,50	0	0
Annual Development Program							
222011500 - * Conservation of Ground Water and Raising Its Use Efficiency and Productivity in Irrigated Agriculture in Bangladesh (BARI Part) (01/07/2020-30/06/2024) (1st revised)	3	1,02,00	5,00	49,00	0	0	0
224117501 - *Research Extension and popularization of Vegetables and Spices Cultivation on Floating Bed (BARI Part) Project (2nd revised) (July, 2017 to June, 2024)	1	6,16,00	1,26,00	4,54,00	0	0	0
224263400 - Smallholder Agricultural Competitiveness Project (SACP) (BARI Part) (01/07/2018 - 30/06/2026)	1	1,98,95	3,00,00	2,60,00	2,16,00	1,73,00	0
224323400 - Farm Machinery Technology Development For Profitable Crop Production	2	8,60,00	11,56,00	11,60,00	13,40,00	0	0
224324500 - Enhance Production of Oil Crops (EPOC) Project	1	5,05,00	5,03,00	5,03,00	5,91,00	0	0
224335100 - Research Development & Extension of Cashewnut & Coffee Project(BARI Part)	1	7,56,00	21,98,00	13,95,00	15,09,00	10,00,00	0
224345300 - Strengthening Regional Pulse Research Station, Madaripur and increase production of pulse crops at greater Barishal, Faridpur Region (01/07/2021-30/06/2026)	1	2,32,00	30,41,00	10,52,00	28,21,00	24,80,00	0
224374800 - Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER) Project – BARI part (01/07/2023 - 30/06/2028)	1	0	0	45,38,00	125,14,00	153,21,00	122,57,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
224396700 - Establishment of Regional Agricultural Research Station, BARI, Meherpur Sadar and Strengthening of Eco-Friendly Research activities in Mid-western region of the country	2	0	0	0	26,00,00	40,00,00	40,00,00
Total : Annual Development Program		32,69,95	73,29,00	94,11,00	215,91,00	229,74,00	162,57,00
Total : Development Activities		33,51,33	79,40,13	100,22,13	218,49,50	229,74,00	162,57,00
Total :		330,42,83	404,37,13	422,02,77	565,38,50	649,74,00	632,57,00

6.6 Bangladesh Jute Research Institute

6.6.1 Recent Achievements: In last three years (2020-21 to 2022-23), 05 high yielding varieties of jute and jute fiber crops (03 of Deshi jute, 01 of Tossa jute and 01 of Mesta) have been developed. A total of 3,920 jute farmers and extension workers have been trained for agricultural and industrial technology extension. In the last three years, 4,500 kg of breeding and 43 tons of TLS seeds have been produced and distributed to BADC and other private institutions and farmer level respectively. Jute geo-textile technology has been developed in rural road construction, river bank protection and landslide management. In addition, technologies such as jute cutting machine, jute based four-cropping intensity, reinforced composite material, blended yarn with jute and various natural fibers and eco-friendly jute wool etc. have been developed. One high yielding variety of Tosha jute BJRI Tosha Pat-8 (Robi-1) and salt tolerant indigenous jute line C-12221 have been developed through the project "Innovation and Transfer of Agricultural Technology of Jute and Jute-like Crops" using jute genome sequencing data. Later in 2021 BJRI was launched as Desi Pat-10. There were 4127 demonstration plots have been establishing in different regions of the country through BJRI and DAE to expand the variety at farmer level. The benefits of this will reduce the import dependency of jute seeds to a great extent. More over recently (2023) short life cycle (100-110 days) and high yielding (3.0-3.5 tonnes/ha) variety of Tossa Jute BJRI Tosha Jute-9 (Sobuj Sona) has been developed. The variety yields about 8% more than the Indian variety JRO-524. Measures will be taken to expand the newly developed variety at the farmer level within the next 2 or 1 years.

6.6.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8	9	10	11
1. Developed and approved HYV and stress tolerant varieties and technologies of different crops.	Released and registered varieties	1	Number	1	1	1	1	1	1	1
	Developed technologies			7	7	8	8	6	6	6
2. Increase the use of innovated varieties and technologies by farmers through training, publications and exhibitions-fairs-rallies-seminars-workshops	Pfarmers Trained	1	Number (in thousands)	1.50	0.80	0.80	0.80	1.20	1.30	1.40
	Creation of women entrepreneurs in the production of jute products		30	30	30	30	50	60	70	
	Extensions employee trained by research Organization		100	100	50	50	75	100	125	
	Report, bulleting, leaflet, booklet, newsletters etc. published		12	12	12	12	15	15	15	
	Arranged exhibition of varieties/ Technologies		100	100	150	150	150	200	250	

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
	Fairs participated			-	-	5	5	5	5	5
	Arranged seminars/workshop			10	10	10	10	10	10	10
3. Activities related to bilateral / multilateral cooperation with different countries / organizations / institutions for increasing agricultural production and productivity	Memorandum of understanding signed	1	number	1	1	1	1	1	1	1
4. Determination of seed production target (breeder, foundation, certified and truthfully labeled and crops tolerant to adverse conditions like salinity, drought, water submergence varieties), seed Production, certification, preservation and distribution	Breeder seeds Produced	2	kilogram (in thousands)	1.50	1.52	1.50	1.50	1.50	1.50	1.50
	Truthfully labeled seeds Produced		M.T	14.49	14.38	14	14.70	15.00	15.00	16.00
	Stress tolerant Breeder seeds produced		kg	60	60	75	75	80	90	100
	Stress tolerant Truthfully labelled seeds distributed			250	256	250	260	280	300	300

6.6.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131015200 - Bangladesh Jute Research Institute (BJRI)	1-5	52,23,25	53,23,00	53,89,00	54,09,00	70,00,00	80,00,00
Total : Support Activity		52,23,25	53,23,00	53,89,00	54,09,00	70,00,00	80,00,00
Total : Operating Activities		52,23,25	53,23,00	53,89,00	54,09,00	70,00,00	80,00,00
Development Activities							
Non-Annual Development Program							
213042601 - Development of 3D-Printer's Filaments from jute and Allied Fibers and Activated Carbon from jute Sticks (01/07/2022-30/06/2024)	2	0	1,97,00	1,97,00	0	0	0
Total : Non-Annual Development Program		0	1,97,00	1,97,00	0	0	0
Total : Development Activities		0	1,97,00	1,97,00	0	0	0
Total :		52,23,25	55,20,00	55,86,00	54,09,00	70,00,00	80,00,00

6.7 Bangladesh Institute of Nuclear Agriculture (BINA)

6.7.1 Recent Achievements: During the last three years, Bangladesh Institute of Nuclear Agriculture (BINA) has released 16 high yielding varieties of different crops such as: two varieties of rice, one variety of soybean, two varieties of mungbean, one variety of lemon, one variety of chickpea, one variety of lentil, two varieties of blackgram, two varieties of mustard, one variety of grasspea, one variety of jujube, one variety of sapodilla and one variety of groundnut (**2020-21:** Binasola-11, Binamasur- 12, Binamash-2, Binaleb-3, Binasarisha-11. **2021-22:** BINA dhan25 , BINA soyabean7, BINA moog-11, BINA khesari2, BINA kul1. **2022-23:** BINA moog12, BINA mash3, BINA sarisha12, BINA sopheda1, BINA chinabadam11, BINA dhan26. Besides, 810.42 metric ton breeder and truthful labeled seed of BINA developed 129 varieties has been produced and 688.74 metric ton seed has been distributed among the farmers. Ten thousand four hundred twelve blocks and experimental demonstrations were set at 55 different districts of the country and 11,993 farmers were trained by BINA. Eighteen non-commodity technologies were developed. Soil management, bio-fertilizer production, insect and diseases management, irrigation and water management, crop management and on farm research activities are ongoing.

6.7.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Approved and development of high yielding and stress tolerant different crop varieties and technologies	Registered and Released varieties	1	Nos	5	5	5	1	5	5	5
	I Innovated technologies			4	4	5	2	5	5	5
	Released varieties (stress tolerant)			1	1	1	-	1	1	1
	Innovated technologies (stress tolerant)			1	1	1	-	1	1	1
	Innovated bio-fertilizer			1	1	1	-	0	1	0
2. Dissemination of developed varieties and technologies (Organized training, publication and block demonstration/ agriculture fair/rally/ seminar/workshops)	Trained Person/ farmers	1	No (thousand)	4.00	4.10	4.00	2.40	4.20	4.20	4.40
	Trained Extension officers		No (person)	950	950	1050	650	1000	1000	1000
	Set block demonstrations		NO	3.0	3.1	3.5	2.1	3.8	4.0	4.0
	Organized field day/farmer's rally			80	83	90	34	90	100	100
	Organized workshop/seminar			32	32	40	22	45	45	45
	Transferred varieties to DAE			12	12	12	8	12	12	12
	Transferred technologies to DAE			3	3	4	2	4	4	4
	Transferred varieties to field level			12	12	12	9	15	16	16
	Transferred varieties to field level			3	3	3	2	4	4	4
3. Providing agriculture related E-information Service	Service recipient farmers	1		No (thousand)	12	12	12	8.2	15	16
4. Safe crop management	IPM and ICM training	1	No(person)	250	250	300	190	300	300	300
5. Activities related to bilateral / multilateral cooperation with different countries / institutions for increasing agricultural production and productivity	Memorandum of Understanding signed with BINA and other Organizations	1	no	6	6	8	5	7	8	8
6. Determination of seed production target (Breeder, foundation, certified and standardized and salinity, drought and waterlogged tolerant varieties) Seed production, certification, storage and distribution	Produced breeder seeds	3	Metric ton	34.0	34.0	34.0	18.2	35	36	36
	Seed declared quality produced			280.0	326.4	300	140	300	350	350
	Distributed breeder seeds			32.0	32.0	32.0	18.4	32.0	32.0	32.0
	Distributed value declared seeds			275	275	280	141.21	300	320	320
	Seeds of adversity tolerant varieties produced			50	67	50	35.0	60	60	60
	Seeds of adversity tolerant varieties distributed			48	50.6	50	32.4	60	60	60

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
7. Popularization of organic manure, green manure and bacterial manure among farmers	Produced and distributed Bacterial fertilizer	3	kg	900	905	600	300	600	600	600
8. Innovation and popularization of sustainable soil management technology to farmers	Invented technology	3	no	1	1	2	1	2	2	2

6.7.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131015100 - Bangladesh Institute of Nuclear Agriculture	1-6	57,33,00	59,42,00	58,33,00	60,52,00	75,00,00	80,00,00
Total : Support Activity		57,33,00	59,42,00	58,33,00	60,52,00	75,00,00	80,00,00
Total : Operating Activities		57,33,00	59,42,00	58,33,00	60,52,00	75,00,00	80,00,00
Development Activities							
Non-Annual Development Program							
213039901 - Development of bio-fungicide laboratory, formulation and dissemination to farmers	1	14,75	52,50	52,50	0	0	0
213040001 - Research Program for the Production of brown rot (<i>Ralstonia solanacearum</i>) free export quality potato	2	30,08	43,68	43,68	0	0	0
Total : Non-Annual Development Program		44,83	96,18	96,18	0	0	0
Annual Development Program							
224322700 - Enhance Production of Oil Crops (EPOC) Project, BINA Part		3,04,00	4,10,00	4,10,00	2,54,00	0	0
224366600 - Strengthening Research Activities of BINA (01/07/2022-30/06/2027)	1	0	72,55,00	57,72,00	45,22,00	23,71,00	19,47,00
Total : Annual Development Program		3,04,00	76,65,00	61,82,00	47,76,00	23,71,00	19,47,00
Total : Development Activities		3,48,83	77,61,18	62,78,18	47,76,00	23,71,00	19,47,00
Total :		60,81,83	137,03,18	121,11,18	108,28,00	98,71,00	99,47,00

6.8 Bangladesh Sugarcane Research Institute

6.8.1 Recent Achievements: During the last three years (2019-20 to 2021-22) one sugarcane variety viz., BSRI Akh 48 has been released. Advanced agronomic management technology of date palm, palmyra palm and sugarcane have been developed. Fertilizer management technology of sole cane, intercrop and ratoon for whole country have been standardized and recommended. Six agricultural tools and farm machineries have been developed including BSRI improved cane crusher for cane crushing, Paired-row trencher for cane cultivation and power weeder for efficient weeding. Sugarbeet research has been completed in 12 different areas of Bangladesh including salinity prone areas. Nipa virus free date palm juice extraction technology has been developed. 50,000 seedlings of date palm and 75,000 seedlings of palmyra palm have been planted around the country. Furthermore, 15,000 ton disease free clean seed of sugarcane have been distributed among the sugarcane growing farmer all over the country..

6.8.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
1. Development of high yielding varieties and technologies of	Released Variety	1	.No	-	-	-	-	1	1	1

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
different crops	Established Demonstration			250	250	250	250	255	260	265
	Developed Technology			5	5	5	5	5	5	5
2. Dissemination of varieties and technologies through arrangement of training, publication and exhibition / fairs / rallies / seminars / workshops to reach the Farmers	Trained farmers	1	no	2000	2000	1200	1200	1300	1400	1500
	Trained (Extension officer/Staffs			500	500	300	300	325	350	375
	Seminar/ workshop arranged			12	12	12	12	13	14	15
	Disseminated Varieties			1	1	1	1	1	1	1
	Disseminated Technology			4	4	4	4	5	5	6
3. Production, certification and distribution of breeder, foundation, certified and truthfully labeled seeds	Seeds produced	2	Metric ton	12	12	12	12	13	14	15
	Seed distributed			2400	2400	2500	2500	2500	2600	2700
4. Production, certification, storage and distribution of breeder, foundation and truthfully labelled seeds adaptable to stress condition (salinity, drought and water logging)	Produced seeds	2	Metric ton	2400	2400	2500	2500	2500	2600	2700
	Distributed seeds		Metric ton	100	100	100	100	150	200	250
	Trained officers/staffs on improved cultivation practices of sugarcrops to take up the challenges of 21 st century		no	100	100	100	100	150	200	250
	Arranges learning sessions on contemporary issues		no	10	10	10	10	10	10	10

6.8.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131015300 - Bangladesh Sugarcane Research Institute	1-4	37,70,50	41,95,00	39,48,60	41,77,40	50,00,00	55,00,00
Total : Support Activity		37,70,50	41,95,00	39,48,60	41,77,40	50,00,00	55,00,00
Total : Operating Activities		37,70,50	41,95,00	39,48,60	41,77,40	50,00,00	55,00,00
Development Activities							
Non-Annual Development Program							
213040101 - Stevia Seedling Production through tissue culture Technique, Field Evaluation and Stevioside Extraction	1	10,00	65,15	65,15	0	0	0
Total : Non-Annual Development Program		10,00	65,15	65,15	0	0	0
Annual Development Program							
224343600 - Production and Dissemination of Disease Free Clean Seeds of Sugarcane in Farmer's Level (01/07/2021 - 30/06/2025)	1	4,00,00	9,45,00	7,95,00	7,35,00	0	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
224348800 - Production of Pulses, Spices and Vegetable as Intercrops with Sugarcane (01/07/2021-30/06/2025)	1	2,02,00	6,00,00	5,20,00	3,85,00	0	0
Total : Annual Development Program		6,02,00	15,45,00	13,15,00	11,20,00	0	0
Total : Development Activities		6,12,00	16,10,15	13,80,15	11,20,00	0	0
Total :		43,82,50	58,05,15	53,28,75	52,97,40	50,00,00	55,00,00

6.9 Barendra Multipurpose Development Authority

6.9.1 Recent Achievements: Taking Government policy support and initiative during the last three years (2020-21 to 2022-23) 6350 hectare of land has come under controlled irrigation by installing 254 numbers irrigation equipment's, rehabilitation of 240 numbers deep tube wells, electrifying 76 numbers irrigation equipment's and by constructing/expanding 587.25 km buried pipe lines. BMDA has re-excavated 228 km canal, 893 numbers of derelict ponds, excavated 99 numbers of dug well and also constructed 9 numbers submerged weirs across the canal to conserve surface water which cover supplementary irrigation of about 6840 hectare. BMDA has produced 1420 M.T quality seeds and distributed to the farmers and trained 2490 numbers of farmers. BMDA planted 4.54 lac fruits, medicinal and forest trees last three years. Besides these BMDA operated about 16062 numbers deep tube wells per year which cover 5.76 lac hectare of land.

6.9.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Provide training, publications and exhibitions / fairs / rallies / seminars / workshops to bring innovative varieties and technologies to the farmer level	farmers trained	1	No. (In thousands)	1.05	0.715	2.20	2.20	3.00	1.70	0.60
2. Procuring and increasing availability of irrigation and other agricultural machinery.	Installation Electrified/Solar LLP	2	Nos	85	113	110	110	100	55	20
	Solar Dug well excavation			30	36	50	50	34	0	0
3. Expansion of minor irrigation coverage by encouraging optimal use of surface water, and increasing the area of arable land by reducing	Canal re-excavation	2	km	75	100	120	120	150	65	2
	Ponds and Dighi re- excavation		nos	145	405	75	75	50	0	0
	Irrigation canal constructed/exp anded		km	205	241.32	925	925	1220	250	90
	Irrigation area expanded		hectare (thousands)	2.00	2.299	6.80	6.80	10.00	9.00	6.00
	Used Irrigation Equipment (Deep tube well & LLP)		Nos	16095	16231	16147	16147	16505	16265	16295
	Irrigation area Coverage		Hectare (lac)	5.32	5.76	5.72	5.72	5.82	5.91	5.97

6.9.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
			4	5	6	7	8
1	2	3	4	5	6	7	8
Non-Annual Development Program							
213042001 - Increase Crop Production by Removing Water Logging through Underground Pipe Line at Manda Upazila in Naogaon District (01/07/2022-30/06/2024)	2	0	2,74,75	2,74,75	0	0	0
Total : Non-Annual Development Program		0	2,74,75	2,74,75	0	0	0
Annual Development Program							
222011400 - * Conservation of Ground Water and Raising it's Use Efficiency and Productivity in Irrigated Agriculture in Bangladesh.BMDA part (01/07/2020-30/06/2024) (1st revised)		18,64	1,00	3,00	0	0	0
224299400 - Use of minor Irrigation Through re-excavation of ponds and Development of Ground Water (01/07/2019-30/06/2024)	3	32,00,00	3,91,00	31,36,00	0	0	0
224299500 - Expansion of Irrigation in Natore District Through Best Uses of Surface Water and Conservation of Rain Water (01/07/2019 - 31/12/2024)	3	28,86,00	55,00,00	60,00,00	31,30,00	0	0
224304200 - Expansion of Irrigation in Greater Rangpur District Through Best Uses of Surface Water and Conservation of Rain Water (01/10/2019 - 30/06/2025)	3	36,98,00	95,00,00	96,53,00	45,51,00	0	0
224326600 - Popularize of High Value Unconventional Fruit and Medicinal Crop in Barind Area Project (01/07/2020 - 30/06/2026)	3	3,35,00	3,94,00	7,83,00	6,75,00	4,10,00	0
224331300 - Enhancement of Irrigation Through Surface Water Augmentation in Greater Dinajpur & Joypurhat District (01/07/2020 - 31/12/2025)	3	50,00,00	89,46,00	89,46,00	55,00,00	4,37,00	0
224354000 - Rehabilitation of Irrigation Infrastructure Project. (01/01/2022-31/12/2026)	2	0	103,62,00	103,62,00	85,00,00	59,81,00	14,23,00
224361300 - Enhancement of Command area and Irrigation efficiency through extension of subsurface Irrigation channel and piloting of Drip Ir (01/04/2022-31/03/2026)	2	0	105,54,00	125,54,00	110,00,00	31,05,00	0
224367600 - Extension of Irrigation in Barind Area Through Conservation of Water in Canal-2nd Phase (01/10/2022/30/06/2027).	2	0	70,00,00	70,00,00	80,00,00	61,31,00	14,39,00
224375000 - Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship, and Resilience in Bangladesh (PARTNER) Project – BMDA part (01/07/2023 - 30/06/2028)	1	0	0	37,74,00	47,76,00	40,44,00	23,69,00
224384800 - Project for Capacity Building Acceleration Including Infrastructure Development of Barind Multipurpose Development Authority (01/10/2023 - 30/06/2026)	1	0	0	2,18,00	22,35,00	16,02,00	0
224384900 - Supply of Padma River's Water to Barind Area for Extension of Irrigation by Double Lifting System Project (01/09/2023 - 30/06/2027)	6	0	0	15,00,00	140,56,00	203,26,00	83,17,00
Total : Annual Development Program		151,37,64	526,48,00	639,29,00	624,23,00	420,36,00	135,48,00
Total : Development Activities		151,37,64	529,22,75	642,03,75	624,23,00	420,36,00	135,48,00
Total :		151,37,64	529,22,75	642,03,75	624,23,00	420,36,00	135,48,00

6.10 Bangladesh Agricultural Research Council

6.10.1 Recent Achievements: Bangladesh Agricultural Research Council (BARC) published three books namely: a)Agricultural Development for Fragile Ecosystems in Bangladesh b)A Development Trajectory of Bangladesh Agriculture: From Food Deficit to Surplus and c)Research Priorities in Bangladesh Agriculture: Vision 2041. Honorable Prime Minister Sheikh Hasina unveiled the covers of these books on the occasion of the golden jubilee of Bangladesh Rice Research Institute on 23 February 2023. 100 Agricultural Technologies Atlas has been published by compiling 100 agricultural technologies developed from research institutes and unveiled by Hon'ble Prime Minister on 4th February/2021. Besides, the book titled "Projections of Supply and Demand for Selected Food Crops in Bangladesh by 2030 and 2050" was published by BARC on June/2022. The 26th Council for Partnership on Rice Research in Asia (CORRA) Annual Meeting 2022 was organized in Bri on 29-30 November 2022 in collaboration with the Ministry of Agriculture and Bangladesh Rice Research Institute and in coordination with BARC. 25 representatives

from 16 countries including Bangladesh participated in the two-day meeting. BARC has won the 'Freedom Award' 2021 for its contribution to research and training. Besides, 7th D8 Agriculture Ministerial Meeting for Promotion of Climate Smart Agriculture: Key Issues has been organized by BARC on 12-13 January/2022

6.10.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Variety development and technology transfer (Training, Publication and Demonstration/Fairs/ Rallies/Seminars/ Workshops)	Quality improvement of research through review & evaluation of research activities of NARS institutes	1	Number	7	7	7	7	7	7	8
	Transfer of developed varieties & production technologies			22	22	15	15	16	16	17
2. Providing training to reach the farmers level of developed varieties & technologies. (publication & demonstration/ fairs /rallies/seminars/workshops)	Awareness raising through campaigns, publications, meetings, workshop & trainings etc.			400	400	450	450	500	550	550
3. Bilateral/ multilateral cooperation activities with various countries to increase agricultural production & productivity	Providing opinions regarding various policies & plans adapted by the govt.	1	no	3	3	3	3	3	4	5
	Live/virtual participation in international cooperation			10	10	6	6	6	7	7

6.10.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131014500 - Bangladesh Agricultural Research Council	1-2	32,56,61	36,00,00	34,26,23	44,56,00	60,00,00	75,00,00
Total : Support Activity		32,56,61	36,00,00	34,26,23	44,56,00	60,00,00	75,00,00
Total : Operating Activities		32,56,61	36,00,00	34,26,23	44,56,00	60,00,00	75,00,00
Development Activities							
Annual Development Program							
224375100 - Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER) Project – BARC part (01/07/2023 - 30/06/2028)	1	0	0	23,14,00	71,01,00	132,12,00	68,10,00
224394600 - "Establishment of Bangabandhu-Pierre Elliot Trudeau Agricultural Technology Center (BP-ATC) and Enhancement of Agricultural Research Capability in Bangladesh" (01/01/2024 - 31/12/2028)	2	0	0	1,62,00	50,22,00	119,05,00	87,99,00
Total : Annual Development Program		0	0	24,76,00	121,23,00	251,17,00	156,09,00
Total : Development Activities		0	0	24,76,00	121,23,00	251,17,00	156,09,00
Total :		32,56,61	36,00,00	59,02,23	165,79,00	311,17,00	231,09,00

6.11 Cotton Development Board

6.11.1 Recent Achievements: During the last three years (from 2020-21 to 2022-23), Cotton Development Board conducted research under 5 disciplines (breeding, agronomy, entomology, soil science, pathology) on 57.0 hectares of land in five farms. At field/farmers level 91 on-farm trials were conducted. During this period (from 2020-21 to 2022-23) 365 metric ton seeds were produced in these farms and farmer's field. At the same time, 574123 Bale (1 bale=182 kg) cotton fibers were produced on 134268 hectares of land. Three high yielding cotton varieties e.g. CB-18 and CDB Tula M1 and CDB Cotton-19 were developed by CDB. There were 8109 demonstration plots was set up in farmers' fields and 17490 farmers have been trained to transfer technology through 13 zones of the Cotton Development Board. Office buildings and store houses have been constructed at Dhaka (Tula Bhaban) Jhenaidah and Chuadanga zone during this period.

6.11.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Development and approval of high yielding and adversity tolerant varieties and technologies of different crops	Developed Varieties	1	Number	1	1	1	1	1	1	1
	Developed Technologies			2	2	2	2	2	2	2
	Established research trial			30	45	45	45	45	45	45
	Preserved germplasm		Number	10	12	3	3	3	4	4
2. Expansion of Developed Varieties and Technology (Publication and Demonstration / Fair / Rally / Seminar / Workshop)	Established demonstration plot	1	Number In thousand	1700	1800	2800	2800	4000	4500	4500
	Distributed silk cotton / Tree Cotton Seedlings			20	25	20	20	20	25	25
	Organized seminars / workshops			8	10	8	8	8	8	10
	Published leaflets (leaflets, posters, research reviews, etc.)			6	10	10	10	8	8	8
	Organized group discussions			200	213	300	300	350	350	350
1. Provide training, publishing and organizing exhibitions / fairs / rallies / seminars / workshops to reach the farmer level of invented varieties and technologies	Trained farmers (male& female)	1	Number (thousands)	5.50	4.00	4.50	4.50	5.00	5.50	5.50
	Organized field day / farmer awareness meeting		Number	100	54	80	80	100	200	200
2. Providing e-information services on agriculture)	Launched online service	1	number	1	1	1	1	1	1	1
3. Safe crop management	Established IPM demonstration plot	1	Number	550	550	670	670	700	700	700
4. Targeting of Seed Production (Breeder, foundation, certified and TLS) Seed production, certification, storage and distribution	Produced foundation & truthfully leveled seeds	2	Metric ton	85	99	95	95	55	100	100
	Produced, processed, packaged hybrid seeds			2.00	3.60	3.00	3.00	3.50	3.50	3.50
	Distributed seeds (including salinity, drought tolerant e			80	90	93	93	95	100	100

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
5. Meetings, seminars, fairs and technology exchange to encourage private sector participation in seed production and development	Organized stakeholder meeting	2	Number	2	2	2	2	2	2	2
6. Marketing and ginning of seed cotton	Ginned seed cotton	2	m.ton	180	182	200	200	200	200	200
7. Promoting and preserving information on agricultural marketing and development	Organized stakeholder meeting	4	number	2	2	2	2	2	2	2

6.11.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430701 - Cotton Development Board	1-7	4,91,62	6,44,74	7,36,74	8,74,06	8,61,09	10,34,04
1430702 - Regional Offices, Cotton Development Board	1-7	2,77,43	3,60,16	3,27,44	4,35,10	4,35,97	4,41,67
1430703 - Zonal Offices, Cotton Development Board	1-7	22,69,51	27,23,70	23,21,12	26,00,10	28,17,29	29,42,10
1430704 - Cotton Research, Training and Seed Multiplication Farms, Cotton Development Board	1-7	11,11,50	12,57,40	12,50,90	14,89,74	15,85,65	16,62,19
Total : General Activity		41,50,06	49,86,00	46,36,20	53,99,00	57,00,00	60,80,00
Total : Operating Activities		41,50,06	49,86,00	46,36,20	53,99,00	57,00,00	60,80,00
Development Activities							
Non-Annual Development Program							
213041501 - Cotton Cultivation with vegetables, spices, pulses and other crops Programme (01/07/2022-30/06/2025)	3	0	1,35,30	1,35,30	2,06,20	0	0
Total : Non-Annual Development Program		0	1,35,30	1,35,30	2,06,20	0	0
Annual Development Program							
223038000 - * Enhancing Capacity in Cotton Varieties Development.(01/07/2019-31/12/2023)	1	48,19	66,00	1,90,00	0	0	0
224322800 - Development of Cotton Research and Technology Transfer Project	2	11,87,67	17,35,00	15,00,00	22,00,00	2,00,00	0
Total : Annual Development Program		12,35,86	18,01,00	16,90,00	22,00,00	2,00,00	0
Total : Development Activities		12,35,86	19,36,30	18,25,30	24,06,20	2,00,00	0
Total :		53,85,92	69,22,30	64,61,50	78,05,20	59,00,00	60,80,00

6.12 Seed Certification Agency

6.12.1 Recent Achievements: During the last three years (from 2020-21 to 2022-23) 137157.33 hectares of seed-crop-field of notified crops were inspected and evaluated; and 5,68,98,000 numbers of certification tags were issued against seeds with approved quality. In National and Regional Seed Testing Laboratories 22146 seed samples were tested for purity, moisture and germination. Amount of certified seed was 396228.34 metric tons. Training programmers on quality seed production, seed processing, seed preservation and seed legislations were arranged for 8764 nos. of farmers & seed dealers and 1398 nos. of officers and staff. During the time DUS and VCU tests, 568 new varieties released of rice (97 inbreds and 471 hybrids). were released/registered by the National Seed Board on the basis of conducted and coordinated by the Seed Certification Agency. During last three years 5870 lots were checked and evaluated through Pre post control- grow out tests. one zinc enriched variety of rice released during this time.

6.12.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Extension of Innovated varieties and technologies (training, publications and exhibitions-fairs-rallies-seminars-workshops)	Trained farmers	1	Person	1500	2217	3840	-	3850	3900	3950
	Seminar/ workshop arranged			15	19	10	-	12	15	20
	Publications			17400	28600	17400	-	17500	17600	17700
2. Safe Crop management	Sample experiment at farmer's level (rice, wheat and jute)	2	number)	2000	2384	1900	-	2000	2200	2300
	Examination of standardization through Marketing monitoring, sample collection experiment		M.T (Thousands)	1600	1871	1900	-	1920	1930	1950
	Variety evaluated (DUS, VCU experiment)		Number	1600	1871	1900	-	1920	1930	1950
3. Production, certification, preservation and distribution of breeder, foundation and truthfully labelled seeds with adaptability to adverse environment (salinity, draught and water submergence)	Field visit of breeder, certified, foundation (rice, wheat, potato and jute)	2	Hector (Thousands))	36.05	54.35	40.00	-	45	45	50
	Amount of breeder, certified, foundation Seed certification (Rice, wheat, potato and jute)		M.T	85	129.40	110	-	115	120	125
	Sample test of breeder, foundation and certified seeds (rice, wheat, potato and jute)		Number	6350	8566	7500	-	7600	7700	7800
	Adaptability to adverse environment Field visit of breeder, foundation and certified crop field (rice, wheat, potato and jute)		Hector	10	10	10	-	10	10	10
	Adaptability to adverse environment distributable amount of seed breeder, foundation and certified (rice, wheat, potato and jute)		M.T (Thousands)	60	14	60	-	60	60	60

6.12.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430301 - Head Office, Seed Certification Agency	1-5	11,58,96	13,53,91	12,68,17	15,61,31	16,00,00	17,00,00
1430302 - Regional Seed Certification Offices & Seed Laboratories	1-5	5,45,63	7,20,09	7,16,53	9,95,48	12,00,00	14,00,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
1430303 - District Seed Certification Offices	1-5	15,02,77	20,90,00	20,29,70	23,38,21	24,80,00	25,77,00
Total : General Activity		32,07,36	41,64,00	40,14,40	48,95,00	52,80,00	56,77,00
Total : Operating Activities		32,07,36	41,64,00	40,14,40	48,95,00	52,80,00	56,77,00
Development Activities							
Annual Development Program							
224262200 - Strengthening Seed Certification Activities Project (SSCAP)(01/07/2018-30/06/2024)	2	28,51,96	5,12,00	4,24,00	0	0	0
Total : Annual Development Program		28,51,96	5,12,00	4,24,00	0	0	0
Total : Development Activities		28,51,96	5,12,00	4,24,00	0	0	0
Total :		60,59,32	46,76,00	44,38,40	48,95,00	52,80,00	56,77,00

6.13 Agricultural Information Services

6.13.1 Recent Achievements: In the last three years, (2020-21, 2021-2022, 2022-2023) 26.70 lakh of “Krishikotha” 54,000 copies of “Samprosaronbarta” 2.78 lakh Leaflets, 3.45 lakh Booklets, have been printed and distributed among the farmers and related stakeholders. In the same period 3147 numbers of agriculture related documentaries have been shown by mobile cinema van. Moreover 1097 Episodes of “Mati o Manush” 1095 Episodes of “Banglar Krishi” were telecasted through BTV. Both from the national and regional stations of Bangladesh Betar 14 hours agrobased program were broadcasted daily. 10012 numbers of talk shows have been broadcasted on BTV in the last 3 years. Also 26 films and 75 fillers have been made. 217 Batch training and 85 batch workshop were held in the last 3 years. Besides, Agriculture Information Service plays a vital role on behalf of Ministry of Agriculture to arrange national fruit fair, world food day and other national/international days related to agriculture. 74 agro-based E-books, Krishi Call Center (16123), 499 number, of AICCs were established in the given period. Those activities were taken for modern agriculture information and technology dissemination.

6.13.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Extension of innovated Varieties and Technologies through training, publication and exhibition/ fair/rally/ seminar/workshop	printed Poster/ printed Booklet/ printed Leaflet	1	Number (in thousands)	22	23	23	23	24	25	26
2. Dissemination of innovated Varieties and Technological Information to the farmers organaizing training, exhibition/fair/rally/seminar/workshop	Trained farmer/Agriculture related person	1	Number	2.55	2.30	2.58	2.58	2.59	2.6	2.61
	printed Poster			240	693	241	241	242	243	244
	printed Booklet			120		123	123	124	125	126
	printed Leaflet			97		99	99	99	99	100
	Published Krishi kotha			810	827	820	820	821	823	824
	published Somprosaron Barta			18	18	18	18	18	18	18
	Published Krishi Daiary			7	7	12	12	12	12	12
3. Dissemination of e-Agriculture	Beneficiary of AICC	1	Number	1750000	1980000	2000000	2000000	2000000	2000000	2000000
	TV Scroll			0	0	0	0	15	16	17
	Banglar Krishi		Number (in thousands)	0	0	0	0	185	186	187
	Online News Clipping			0	0	0	0	200000	20100	20200
	Online Telephone Directory			0	0	0	0	100000	10100	10200
	Call Centre			0	0	0	0	30000	30100	30200

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
	Ais Tube			0	0	0	0	20000	20100	20200
	Produced Film/Filler/Documentary			15	16	16	16	17	17	18
	TV/Radio/Advertisements			15	16	16	16	17	18	19
	Cinama show			237	244	238	238	240	241	242
	Online agriculture technology			1680	1650	1685	1685	1685	1685	1685
	Regular TV Program (Mati O manush)			330	366	331	331	332	333	334
4. Awareness creation or food value and Nutrition through publicity, publications, meeting, and workshop	Produced Film/Filler	3	Number	15	11	16	16	17	17	18
	printed Poster			87	210	90	90	91	92	94
	printed Booklet			60		62	62	63	64	65
	printed Leaflet			60	65	65	66	67	68	
	Cinama show			990	560	995	995	1010	1020	1025
5. Popularizing implementation of organic fertilizer, vermi-compost, green manure and bio fertilizer among farmers	Produced Video documentry	3	number	5	6	5	5	5	5	6
	Produced filler			5	5	5	5	5	5	6
6. Publicity and preservatio of data on agriculture marketing and development	Produced Video documentry	4	number	2	2	2	2	2	2	3

* No projection in the future years has shown because a project regarding this activity has completed.

6.13.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430401 - Head Office, Agricultural Information Service	1-4	12,03,55	13,88,13	13,99,75	15,22,22	18,23,02	21,90,61
1430402 - Regional Offices, Agricultural Information Service	1-4	5,58,90	7,63,87	7,60,73	8,29,28	8,61,98	8,74,39
Total : General Activity		17,62,45	21,52,00	21,60,48	23,51,50	26,85,00	30,65,00
Total : Operating Activities		17,62,45	21,52,00	21,60,48	23,51,50	26,85,00	30,65,00
Development Activities							
Non-Annual Development Program							
213042101 - Dissemination of 'e- Agriculture' through Strengthening of Existing Agriculture Information and Communication Centers (AICC) Programme (01/07/2022-30/06/2024)	3	0	1,80,75	1,80,75	0	0	0
Total : Non-Annual Development Program		0	1,80,75	1,80,75	0	0	0
Total : Development Activities		0	1,80,75	1,80,75	0	0	0
Total :		17,62,45	23,32,75	23,41,23	23,51,50	26,85,00	30,65,00

6.14 Department of Agricultural Marketing

6.14.1 Recent Achievements: During the last three years (2020-21 to 2022-23), a total of 1,22,137 farmers have been trained under various projects of the Strengthening of Department of Marketing project. Construction of 212 potato warehouses as a model for storing potatoes at low cost at household level, 68 warehouses for onion and garlic storage at farmer level and total 23 assembly centers and 01 (one) flower wholesaler in Gabtali, Dhaka for strengthening agricultural market infrastructure, storage and flower marketing system. The market is built. Besides, 330 Zero Energy Cool Chambers have been constructed in selected areas of the project to facilitate storage of vegetables and fruits at home level. A market called "Krishak Bazar" has

been launched every Friday and Saturday in 45 districts including Dhaka to supply safe vegetables. 05 Office cum Training Centers have been constructed in 5 districts under the Strengthening of Department of Agriculture Marketing Project.

6.14.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Publicity and preservation of information on agricultural marketing and development	Publish market price in Website	4	Nos	20000	21940	20000	20000	20000	20000	20000
	Publish Bulletin			4000	4000	4000	4000	4000	4000	4000
	Published Report			310	310	330	310	330	350	380
2. Safe crop management	Provide safe crops through farmer market construction	4	Nos	5	5	10	0	10	15	20
	Construction of Assemble center			1	0	2	1	2	2	3
	Marketing Related Publication (Booklets, leaflets, handbill promotions)			20000	27000	20000	20000	20000	20000	20000
3. Seed production targeting (Breeder, foundation, certified and declared standard and tolerant to salinity, drought and submergence) Seed production, certification, storage and distribution Development and supervision of agricultural marketing system	Crops Stored at Crop Storages*	4	M.T	2500	4804	2800	2500	3000	3200	3400
	Market monitoring for quality control of agricultural products (Mobile Court)		nos	200	255	120	100	150	180	200
	Determining the production cost of agricultural products		nos	18	27	20	18	20	25	30
	Determining the marketing cost of agricultural products		nos	6	7	8	5	10	12	15
4. Development and supervision of agricultural marketing system	Formation of Farmers Group	4	Nos	3	3	6	5	6	8	10
	Farmers Training		Number (Thousands)	22000	28821	25000	25000	25000	30000	35000
	Beneficiaries Shogoric Farmers		Nos	1300	2560	1600	1200	1400	1600	1800
	Loan disbursement against stored crops *		Amount (lac)	200	734.43	150	120	150	160	170
5. Promoting and preserving information on agricultural marketing and development	Publication of Agricultural Marketing Magazine	4	nos	3	3	6	5	6	8	10
	Publication of diaries and calendars		nos	700	700	1200	1000	1200	1500	2000
6. Construction, renovation and other facilities of market infrastructure and conservation facilities	Potato storage facilities (Household Level)	4	Nos.	172	172	200	200	200	250	300
	Onion & Garlic storage facilities (Farmers Level)			68	68	80	80	150	200	250
	License Issue			5000	6199	5000	5000	5200	5500	5500
	Collection of Non Tax Revenue (license fee from market traders).			146	185	150	150	160	180	200
	Organized workshops and seminars			10	10	12	10	12	15	20

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
7. Provide technology, technical assistance and processing to agri-entrepreneurs and encourage investment in agribusiness	Entrepreneurship development training	4	Number	500	550	1100	600	600	700	1000
	No of beneficiaries (farmers) of processing centers			100	103	120	100	150	200	250
	Developed by agri-entrepreneurs			50	56	60	50	80	100	120
8. Coordination between concerned government and non-government departments / institutions for expansion of marketing facilities of agricultural products	Exchange of views on connecting business and entrepreneurs	4	nos	5	21	8	5	8	10	12
9. Expansion of international market research, communication and export of agricultural and agricultural products	Assisted in the creation of international market for agricultural products			3	4	4	3	4	6	10
	Provide necessary technical assistance and information to exporters to increase exports at international level			2	3	3	2	3	4	5
	Organized training/seminars/workshops on export related rules, GAP, legal compliance with the aim of increasing the capacity of export of agricultural products.			2	3	4	3	4	5	6

6.14.3 Institutional Unit, Programs and Projects Wise Medium Term Estimated Expenditure

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430501 - Head Office, Department of Agricultural Marketing	1-3	10,17,05	13,99,00	13,38,10	13,84,10	14,82,40	15,87,20
1430502 - Divisional Agricultural Marketing Offices	1-3	5,25,51	6,04,55	5,71,94	7,48,10	7,95,90	8,51,80
1430503 - Zonal Offices Department of Agricultural Marketing	1-3	1,70,90	1,89,80	1,92,48	2,42,30	2,57,70	2,75,80
1430504 - District Marketing Offices, Department of Agricultural Marketing	1-3	15,34,47	18,60,55	20,20,55	22,19,40	23,60,60	25,26,50
1430505 - Upazila Marketing Offices, Department of Agricultural Marketing	1-3	41,95	1,34,95	1,22,45	3,32,30	3,53,40	3,78,30
1430506 - Regional Training Centers, Department of Agricultural Marketing	1-3	2,62,65	3,40,15	3,45,15	4,07,10	4,33,00	4,63,40
Total : General Activity		35,52,53	45,29,00	45,90,67	53,33,30	56,83,00	60,83,00
Total : Operating Activities		35,52,53	45,29,00	45,90,67	53,33,30	56,83,00	60,83,00
Development Activities							
Non-Annual Development Program							
213040301 - Development of preservation, processing & marketing of tomato produced in Rangpur, Dinajpur & panchagarh districts program	4	0	2,48,48	2,48,48	0	0	0
213041901 - Expansion of Guava processing , branding and marketing activities programe (01/07/2023-30/06/2025)	7	0	36,00	36,00	1,39,00	0	0
Total : Non-Annual Development Program		0	2,84,48	2,84,48	1,39,00	0	0

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
	distributed in MSTL									
	Fertilizer recommendation card printed and distributed (offline)			26500	28806	18000	18000	18500	19000	19500
	Fertilizer recommendation card printed and distributed (online)					9000	9000	9500	10000	10500
	Fertilizer sample analyze			4000	5871	4100	4100	4200	4300	4400
3. Popularize among the farmers the use of organic fertilizer, green fertilizer and microbe fertilizer	Farmers training	3	Number	7000	7718	8500	8500	8500	9000	9500
	Exhibition of innovated technologies on soil and fertilizer set	3	Number	42	42	42	80	80	80	80

6.15.3 Institutional Unit, Programs and Projects Wise Medium Term Estimated Expenditure

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430601 - Head Office, Soil Resource Development Institute	1	17,44,86	21,51,39	21,59,82	21,75,71	23,97,89	23,02,12
1430602 - Divisional Offices of Soil Resource Development Institute	1	5,34,56	6,88,22	6,29,50	8,52,80	8,57,56	9,12,02
1430603 - Regional Offices of Soil Resource Development Institute	1	10,78,54	16,43,66	14,46,80	15,28,15	16,09,47	17,05,63
1430604 - Research Centres of Soil Resource Development Institute	1	1,13,73	1,48,72	1,30,91	1,40,97	1,64,29	1,80,31
1430605 - Regional Laboratories, Soil Resource Development Institute	1	8,03,03	11,47,20	10,45,75	11,33,35	11,22,20	11,04,77
1430606 - Divisional Laboratories of Soil Resource Development Institute	1	7,38,50	9,56,81	8,80,21	9,55,02	10,34,59	11,77,15
Total : General Activity		50,13,22	67,36,00	62,92,99	67,86,00	71,86,00	73,82,00
Total : Operating Activities		50,13,22	67,36,00	62,92,99	67,86,00	71,86,00	73,82,00
Development Activities							
Non-Annual Development Program							
213041701 - Strengthening of Newly Created Patuakhali and Rangamati Regional Laboratories (01/07/2022-30/06/2024)	2	0	2,48,80	2,48,80	0	0	0
213041801 - Acidic soil management and sustainable crop production & improvement of soil fertility by practicing climate smart agriculture in the Rajshahi & Rangpur Division including Madhupur Tract (01/07/2022-30/06/2025)	4	0	36,50	36,50	1,10,50	0	0
Total : Non-Annual Development Program		0	2,85,30	2,85,30	1,10,50	0	0
Annual Development Program							
224252500 - *Gopalgonj, Khulna, Bagerhat, Shatkhira and Pirojpur Agricultural Development Project (GKBSPADP) (SRDI Part) (01/07/2018-30/06/2024)	1	3,00,44	4,16,00	3,82,00	0	0	0
224318300 - CONSTRUCTION AND CAPACITY BUILDING OF SRDI (CCBS) PROJECT(01/01/2020-31/12/2024)	2	10,77,46	91,12,00	50,25,00	74,60,00	0	0
Total : Annual Development Program		13,77,90	95,28,00	54,07,00	74,60,00	0	0
Total : Development Activities		13,77,90	98,13,30	56,92,30	75,70,50	0	0
Total :		63,91,12	165,49,30	119,85,29	143,56,50	71,86,00	73,82,00

6.16 Bangladesh Institute of Research and Training on Applied Nutrition

6.16.1 Recent Achievements: . In the last 3 years (2020-2023), training on food based nutrition to 37,002 participants from district and upazila level officers of government and private organizations, Sub-Assistant Agriculture Officers, field workers of Women and Children Department, school teachers, social workers, UP members, Imams/Priests, NGO workers, farmers and expatriates, garment workers and slum dwellers has been provided. In order to increase the awareness of the people about nutrition, 120 talks on the radio have been broadcast on Bangladesh Betar in the last 3 years. BIRTAN has participated in 29 fairs, World Food Days and Nutrition Weeks. A total of 70 workshops on food and nutrition have been implemented. Representatives of government and non-government organizations related to agriculture and nutrition participated in these workshops.

6.16.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Expansion of innovated varieties and technologies (training, publications and exhibitions / fairs / rallies / Seminars / Workshops)	Organizing workshops	1,2	Number	1	1	1	1	2	2	2
2. Raising awareness on food quality and nutrition through training, research, publicity, publications, meetings and workshops	Providing training	1,2	Number	12830	13102	12800	12800	13100	13500	14000
	Conducting research		Number	8	16	8	8	10	12	12
	Organizing workshops		Number	8	8	11	11	14	15	15
	Broadcasting talk on the radio		Number	30	35	35	35	30	30	35
	Pusti-plate distribution		Number	6500	6856	6500	6500	7000	75000	8000
	Distribution of nutrition leaflets		Number	90000	90000	90000	50000	50000	55000	60000
3. Safe crop management	Provide training	1	Number	1	1	1	1	1	1	1
4. Activities related to bilateral / multilateral cooperation with different countries / institutions for increasing agricultural production and productivity.	MoU	1,2	Number	1	0	1	1	1	0	0
5. Fixing up target for seed production	Seed production and storage	2	kg	10	10	1	10	20	20	30

6.16.3 Institutional Unit, Programs and Projects Wise Medium Term Estimated Expenditure

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131014900 - Bangladesh Institute of Research and Training On Applied Nutrition (BIRTAN).	1	20,81,70	25,84,00	21,42,00	27,74,00	40,00,00	45,00,00
Total : Support Activity		20,81,70	25,84,00	21,42,00	27,74,00	40,00,00	45,00,00
Total : Operating Activities		20,81,70	25,84,00	21,42,00	27,74,00	40,00,00	45,00,00
Development Activities							
Non-Annual Development Program							
213041601 - Research Field Development Scheme of Bangladesh Institute of Research and Training on Applied Nutrition (BIRTAN) (01/07/2023-30/06/2025)	1	0	1,00,00	1,00,00	4,00,00	0	0
Total : Non-Annual Development Program		0	1,00,00	1,00,00	4,00,00	0	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Annual Development Program							
224370500 - Strengthening Nutrition and Food Security Through Agricultural Development Project (BARTAN part) (01/01/2023-30/09/2027)	2	0	7,92,00	7,92,00	8,83,00	6,50,00	6,50,00
Total : Annual Development Program		0	7,92,00	7,92,00	8,83,00	6,50,00	6,50,00
Total : Development Activities		0	8,92,00	8,92,00	12,83,00	6,50,00	6,50,00
Total :		20,81,70	34,76,00	30,34,00	40,57,00	46,50,00	51,50,00

6.17 National Agricultural Training Academy (NATA)

6.17.1 Recent Achievements: I National Agriculture Training Academy (NATA), Gazipur provides training on modern technology and management to 9th grade and above officers of 17 departments/organizations under Ministry of Agriculture for human resource development. In the last three years (FY 2020-21, 2021-22 and 2022-23), National Agriculture Training Academy (NATA) imparted training to a total of 74 batches of 2299 officers. NATA also organized 13 seminars/workshops attended by 839 officers. NATA provided training programs of other institutions/projects and in total 1138 officers in 41 batches have been trained. Besides this 261 officers in 6 batches have been given foundation training

6.17.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Extension of innovated varieties and technologies (training, publications and seminar/workshop)	Trained officers	1	Number (Person)	780	821	840	840	900	960	1000
	Arranged workshop / seminar			3	6	5	5	6	7	8
	Published Annual Report and Bulletin			-	3	-	-	3	3	3

6.17.3 Institutional Unit, Programs and Projects Wise Medium Term Estimated Expenditure

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1430801 - National Agricultural Training Academy (NATA)		9,76,97	12,98,00	13,14,75	14,00,00	16,00,00	20,00,00
Total : General Activity		9,76,97	12,98,00	13,14,75	14,00,00	16,00,00	20,00,00
Total : Operating Activities		9,76,97	12,98,00	13,14,75	14,00,00	16,00,00	20,00,00
Development Activities							
Annual Development Program							
224392400 - Physical Infrastructure and Training Capacity Upgrading Project of NATA (01/11/2023 - 31/12/2026)	1	0	0	1,44,00	13,16,00	14,88,00	4,26,00
Total : Annual Development Program		0	0	1,44,00	13,16,00	14,88,00	4,26,00
Total : Development Activities		0	0	1,44,00	13,16,00	14,88,00	4,26,00
Total :		9,76,97	12,98,00	14,58,75	27,16,00	30,88,00	24,26,00

6.18 Bangladesh Wheat and Maize Research Institute

6.18.1 Recent Achievements: During the last three years (2020-21, 2021-22 and 2022-23) Bangladesh Wheat and Maize Research Institute has innovated 4 disease resistant and heat tolerant wheat varieties and 3 high yielding hybrid maize varieties. In addition 20 advance lines of the two crops are in pipeline to release as variety. Besides, 11 crop management technologies on soil and fertilizer management, disease and

insect management and new cropping pattern to increase cropping intensity were also developed. A total of 14308 persons like scientists, extension and NGO personnel and farmers were trained on improved crop production technologies. Moreover, 5009 persons have been informed about the newly developed technologies through 78 workshop, seminar and field days. Twelve publications (booklet/factsheet) have been published and 5735 demonstration blocks have been set up to disseminate newly developed technologies. A total of 309 metric tons breeder and truthfully labeled seeds have been produced and distributed to BADC, NGO and farmers. Moreover, 21 TV program have been broadcasted in media. Three bilateral Memoranda of Understanding (MOU) has been signed with three private seed production agency..

6.18.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Release and approval of high yielding and climate resilient/stress tolerant varieties of different crops & production technologies	Released varieties	1	Number	1	1	1	1	1	1	1
	Trainees (Farmers & Officers)			2	2	3	3	3	3	3
2. Dissemination of innovated varieties and technologies (Training, Publication and arrangement of demonstration/ fair/rally/seminar)	Trainees (Farmers & Officers)	1	Number (thousands)	3000	4610	3000	3000	3000	3000	3000
	Publication		Number	4	4	15000	15000	15000	16000	16000
	Demonstration		Number	1200	1815	1800	1800	1800	1900	1900
	Seminar/ Workshop		Number	8	8	8	8	9	9	9
	Field day/Rally		Number	20	20	20	20	25	25	25
3. Providing e- agriculture information service	Benefited farmer	1	Number (Thousands)	10000	10000	30000	30000	30000	30000	30000
4. Signed of bilateral/multilateral memorandum of understanding with different Countries/ Organizations/Institutions for increasing agricultural production and productivity	Memorandum of understanding signed	2	Number	1	1	1	1	1	1	1
5. Determination of seed production target (Seed production, certify cation, preservation and distribution of breeder, foundation, certified, truthfully labeled and tolerant to heat, drought, submergence and salinity)	Produced breeder and truthfully labeled seed	2	M.T in thousand	103	103	98	98	100	102	103
	Distributed breeder and truthfully labeled seed		M.T in thousand	103	103	98	98	100	102	103
6. Arranging of meeting, seminar, fair and exchanging technologies to encourage private entrepreneurs for seed production and development	Arranged Meeting/Seminar/ Fair	2	Number	8	8	8	8	8	9	10

6.18.3 Institutional Unit, Programs and Projects Wise Medium Term Estimated Expenditure

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
Support Activity							
131019801 - Bangladesh Wheat and Corn Research Institute	1	20,28,61	25,00,00	24,47,39	29,48,80	40,00,00	45,00,00
Total : Support Activity		20,28,61	25,00,00	24,47,39	29,48,80	40,00,00	45,00,00
Total : Operating Activities		20,28,61	25,00,00	24,47,39	29,48,80	40,00,00	45,00,00

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Development Activities							
Non-Annual Development Program							
213040401 - Determination of Maize Crop Damage by Fall Armyworm Insect and Development of Its Environment Friendly Management	1	67,45	1,11,20	1,11,20	0	0	0
213040501 - Production enhancement and extension program of Newly development wheat & Maize varieties Using modern and Improved Technology in Rajshahi, Rangpur & Dinajpur Region	1	17,21	1,25,75	1,25,75	0	0	0
213041401 - Development of salt tolerant wheat and maize varieties and increase of wheat and maize production in saline areas (01/07/2022-30/06/2025)	1	0	48,00	48,00	1,00,00	0	0
213042701 - Establishing speed breeding facilities for breeding climate resilient and disease resistant wheat varieties (01/07/2022-30/06/2025)	1	0	1,40,00	1,40,00	2,08,00	0	0
Total : Non-Annual Development Program		84,66	4,24,95	4,24,95	3,08,00	0	0
Annual Development Program							
223042100 - * Combat wheat blast disease and multiplication of new variety seeds in Bangladesh	1	1,75,00	3,00	2,00	0	0	0
Total : Annual Development Program		1,75,00	3,00	2,00	0	0	0
Total : Development Activities		2,59,66	4,27,95	4,26,95	3,08,00	0	0
Total :		22,88,27	29,27,95	28,74,34	32,56,80	40,00,00	45,00,00