

ANNUAL REPORT 2014-15



**BANGLADESH AGRICULTURAL DEVELOPMENT CORPORATION
MINISTRY OF AGRICULTURE**

ANNUAL REPORT

2014-15

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FOREWORD

In fulfilment of the statutory requirement as outlined in the charter of the Bangladesh Agricultural Development Corporation, the Annual Report for the Financial Year 2014-15 has been prepared and hereby forwarded for appropriate use. This report contains financial and physical aspects of 19 development projects (10 under crop sub-sector and 9 under irrigation sub-sector) and 35 programs (7 programs under crop sub-sector, 28 programs under irrigation sub-sector) executed by BADC during the Financial Year 2014-15. The Annual Report for the FY 2014-15 is the outcome of extensive and collective efforts of different wings and executing divisions of the corporation in general and monitoring division in particular. Due to some unavoidable circumstances, the annual report could not be completed in due time. This report reveals all activities of BADC performed in the year and importantly contains projects and programs.

However, the officers and the staff of the monitoring division and other related divisions who worked hard for the completion of its compilation deserve my thanks and sincere appreciations.

Md. Shafiqul Islam Laskar
Chairman
BADC

PREFACE

The publication of Annual Report on the activities of BADC is a statutory obligation. In fulfilment of this particular statutory requirement, the monitoring division of the corporation in close co-operation with the other executing divisions and project offices has successfully prepared this annual report for the FY 2014-15.

This Annual Report has exclusively dealt with the financial and physical achievements of 19 development projects (10 under crop sub-sector and 9 under irrigation sub-sector) and 35 programs (7 programs under crop sub-sector & 28 under irrigation sub-sector) executed by the different wings and divisions of BADC.

This Annual Report has been prepared jointly by Sheikh Mohammed Saiful Islam, Joint Chief, Md. Shahin Mia, Deputy Chief, Md. Abdur Razzak Majhi and Rima Pervin, Assistant Personal Officer of Monitoring Division. The services rendered by them are acknowledged with thanks. We also gratefully acknowledge the valuable co-operation extended by the officers of all divisions and project offices in providing information duly required to prepare this report.

The Annual Report of the FY 2014-15 was prepared and circulated to the concerned Divisions for comments. Afterwards it was finalized in accordance with the comments received from the concerned divisions.

Finally, we are also thankful to the Chairman, BADC for his valuable advice, guidance and encouragement extended time to time in bringing out this Annual Report in present shape and form.

Chief
Monitoring Division
BADC, Dhaka

ABBREVIATIONS

ADB	: Asian Development Bank
ADP	: Annual Development Program
ASC	: Agro-Service Center
BADC	: Bangladesh Agricultural Development Corporation
BARC	: Bangladesh Agricultural Research Council
BARI	: Bangladesh Agricultural Research Institute
BINA	: Bangladesh Institute of Nuclear Agriculture
BJRI	: Bangladesh Jute Research Institute
BPATC	: Bangladesh Public Administration Training Centre
BRDB	: Bangladesh Rural Development Board
BRRI	: Bangladesh Rice Research Institute
CEGIS	: Center for Environmental and Geographic Information Services
CGZ	: Contract Growers Zones
DAE	: Department of Agriculture Extension
DPP	: Development Project Proposal
DTW	: Deep Tube Well
ECNEC	: Executive Committee on National Economic Council
EPADC	: East Pakistan Agricultural Development Corporation
FY	: Financial Year
GoB	: Government of Bangladesh
HYV	: High Yielding Variety
IAPP	: Integrated Agricultural Productivity Project
IRRI	: International Rice Research Institute
LLP	: Low Lift Pump
MoA	: Ministry of Agriculture
NARS	: National Agricultural Research System
NGO	: Non-Government Organization
NPDA	: National Planning and Development Academy
NSB	: National Seed Board
SPC	: Seed Processing Center
STW	: Shallow Tube Well

BADC MANAGEMENT BOARD

Full-TIME MEMBERS OF THE BOARD:

1. Chairman
2. Member Director (Fertilizer Management)
3. Member Director (Finance)
4. Member Director (Minor Irrigation)
5. Member Director (Seed & Horticulture)

Ex-officio members of the Board:

1. The Registrar and Director General, Co-operative Societies.
2. The Director General, Bangladesh Rural Development Board (BRDB)

The Board of Directors, headed by the Chairman, is responsible for the overall management of the corporation. The Government appoints Chairman and member director of the board. The Secretary of the corporation acts as the Secretary to the Board of Directors.

The Corporation functions through five wings viz, Seed & Horticulture Wing, Minor Irrigation Wing, Fertilizer Management Wing, Finance Wing and Administration Wing.

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CHAPTER-I

CROP SECTOR

1.1 Introduction

Agriculture is the dominant economic activity in Bangladesh and regarded as the lifeline of the economy of Bangladesh. Its role is vital in enhancing productivity, profitability, income generation, employment and poverty alleviation in the rural areas for improving the livelihood of majority people. Agro-climatic conditions and fertile lands of the country are favourable for growing different kinds of crops round the year. But the country is at present, facing the challenges of increased food production for growing population under stress of decreasing land resources and climate change challenges like drought, salinity, flood, unpredicted rains, tidal surges, cyclone, etc. The major activities to face the challenges are to increase production of agricultural crops through incremental use of quality seeds at farmers' level for vertical expansion along with horizontal expansion at the coastal areas (Charlands) and cultivation of climate resilient crop varieties to ensure food security.

For the development of agriculture, availability of quality seeds is utmost essential need to be ensured. BADC is the only public sector organization mandated to multiply all new improved varieties evolved from research institutes under NARS and agricultural universities. BADC has gained technological superiority by dint of which it has earned the reputation for its seeds as "**Standard Quality**". BADC has experienced, trained and skilled human resources, modern facilities like 34 foundation seed multiplication farms, 79 contract growers' zones, 56 modern and scientific seed processing & preservation centers, seed quality testing laboratories, a well developed marketing network consisting of 100 seed sale centers, 8052 seed dealers throughout the country, and a strong internal quality control system. BADC multiplies seeds of high yielding varieties of cereals (rice, wheat, maize), Jute, Potato, Vegetables, Pulses and Oils crops following the steps of seed technology to help meet the national requirements of quality seeds. BADC has given emphasis and priorities to produce and supply of more foundation seed. To cope with climatic vulnerabilities, BADC is also multiplying and distributing seeds of different crop varieties resilient to climate change. BADC has undertaken varietal purification program of local popular cultivators keeping in view of protecting local varieties from extinction. BADC is conducting adaptive trials of rice, wheat, and sorghum imported from abroad which have drought tolerance, heat tolerance and short life cycle. BADC has also started seed multiplication of indigenous crops like Cheena, Kaon, Sorghum, Barley etc. to fit these crops in the Northern and South-western regions of the country. BADC has strengthened its capacity and capability which will bring significant qualitative and quantitative improvement of seed supply. Quality seed of BADC contributes to increase crop production significantly, help in filling the gap between requirement and availability and can balance the equation, "**Food = People.**" Promotion of quality seed is therefore, an important and urgent priority issue to attain and maintain sustainable food security for us and for our future generation.

1.2 Quality Seed

Seed is the most valuable, basic and vital living input for increasing crop production. The effectiveness of the other inputs like fertilizers, irrigation, pesticides and crop management can only be virtualized to the productivity of agriculture if seeds of high quality are used. If the seed is not quality one, the use of other inputs become less fruitful and sometimes wasteful. All

other inputs and crop management practices create favourable environment for this living input, so that, a plant can grow perfectly and give the potential yield. But it has to go a long way to establish the importance of quality seed. Several steps are taken for its development at different stages. Varietal development, multiplication, processing, preservation, quality control these are various processes which ultimately contribute to the good seed for production of good crop. Here, we should cite a reference of the memorable version of Kelly (1985) that “Seeds are the focal point around which strategies to boost crop yield can be built.” From his version we can easily understand the value of quality seed which alone can contribute to the increase of yield by 15-20%.

Globally it has been scientifically proved and recognized that per unit yield of agricultural crops can be increased to the extent of over 20% by using high quality seeds of high-yielding varieties (HYVs)/modern varieties (MVs) and hybrids. The use of quality seed can also contribute to exploiting the yield potentiality of HYVs/MVs/hybrids by minimizing the yield gaps. The production of above 20% higher yield due to use of quality seed can greatly help achieving sustainable food security for the emerging population within the limited land (although cultivable lands are regularly diverting to non-agricultural purposes), limited water and other agricultural resources.

The scenario of the quality seed use in our country is encouraging. At present, the quality seed supply to the farmers of Bangladesh have achieved to the land mark of above 20% (cumulative average of all agricultural seeds), this significant contribution is mainly achieved through the formal system (public & private sector) against the total requirement of all kinds of seeds. It may be mentioned here that out of national 20% coverage of quality seeds of all crops, the contribution of BADC is 13% (average of all crops). It is notable that in case of Boro rice seed BADC alone supplies more than 60 % and for Wheat it supplies more than 40%. The supply of quality seeds through formal system is remarkably increasing. The balance seed supplying through informal system is not recognized to be quality seeds because in the informal system seeds are not produced by following the steps of seed technology, rather food grains are used as seed. The source and quality of these seeds are not known and assumed poor quality, the reason is that seed production, preservation and quality control measures taken by the farmers are not followed by the proper technology. The use of these poor quality seeds is the major factor for low productivity of crops. Unless all the seeds we put to our soil are of quality seeds, our challenge for achieving food security of the country cannot be fulfilled. In prioritizing different issues of agriculture, supply of quality seed to the farmers should be considered as a top priority issue. For increasing quality seed supply to the farmers, the whole seed system needs to be reviewed. The capacity and capability of both public and private sector should be strengthened for the improvement of seed system.

1.3 Formation of BADC

Bangladesh Agricultural Development Corporation (the then East Pakistan Agricultural Development Corporation) is a state owned corporation of the Government of Bangladesh (GoB) under the administrative control of Ministry of Agriculture (MoA). The then East Pakistan Agricultural Development Corporation (EPADC) was established in 1961, EPADC was later renamed as Bangladesh Agricultural Development Corporation (BADC) after independence of Bangladesh in 1971.

1.4 Quality Policy of BADC

BADC as a nodal agency of the Ministry of Agriculture, promoting the use of quality seeds through its national networks, is committed to contribute to the prosperity of farmers by supplying quality seeds, agro-inputs and other related services ensuring continual improvement in systems and processes. As a public organization, BADC has been achieving its mandate through proactive, customer sensitive and responsive approach, technological up-gradation, up-scaling the capacity, knowledge sharing, competency enhancement and maintaining a conducive work culture.

1.5 Quality Objectives of BADC

- a. To ensure timely availability of quality seeds to farmers by
 - Ensuring procurement of adequate quantity of breeder seeds and multiply - foundation seeds, certified seeds and truthfully labeled seeds.
 - Undertaking inspections, quality checks and testing of seeds at different levels.
 - Ensuring availability of adequate seed processing and preservation facilities.
 - Developing network of dedicated and competent seed producers and seed dealers.
- b. To optimize organizational efficiency.
- c. To ensure continual competency development through training of employees, contract growers and dealers.
- d. To continuously improve the farmer's satisfaction.

Since its inception in 1961, BADC under the Ministry of Agriculture, has been playing pioneering role in the development of seed system in the country. In 1962-63, BADC for the first time in the public sector as a mandate for contributing to the development of agriculture, had undertaken the program of supplying quality seeds of improved varieties to the farmers for increasing the per unit yield of agricultural crops. The visionary program was started with the supply of a meager quantity of 13.8 MT quality seeds. This program of supplying quality seeds of improved varieties by the public sector-BADC for the first time in the country was created a significant impact to the farmers and the development of seed system in the country. At present, BADC has been producing quality seeds of more than 1,44,000 MT through its own 34 Seed Multiplication Farms and 79 Contract Growers Zones located at different agro-ecological zones and agro-climatic conditions of the country. BADC has been marketing quality seeds through its own seed sale centers and seed dealers across the country. BADC has established strict quality control system to ensure supply of quality seeds to farmers. BADC has established 28 Quality Control Laboratories including one Central Quality Control Laboratory at Gabtoli, Mirpur, Dhaka to undertake seed testing for checking the quality of seeds. Besides, production and distribution of true seeds, BADC is also involved in the production of Tissue Culture Plants like potato. It also undertakes supply of seedlings/saplings of fruits crops through its 9 Horticulture development centers and 14 Agro service centers. Seed marketing is carried out through channels namely 22 Regional Seed Sales Centers, 42 District Seed Sales Centers, 36 Upazila Seed Sales Centers of BADC. There are 8052 registered Seed Dealers of BADC spread to rural areas all over the country who accounts for more than 80% of the sale turn over.

BADC plays a key role in the implementation of various schemes of the Ministry of Agriculture related to quality seed production and distribution to the farmers. BADC also provides technical support to the private sector agencies including NGOs and farmers by imparting training to the personnel and farmers/growers engaged in the production of seeds.

BADC is also providing services to the private sector organizations and NGOs for seed processing, preservation and quality control at different seed processing centers of BADC.

BADC is also performing the mandate of the GoB for production seeds of different crops to meet the emergency crisis of seeds during untoward natural calamities like floods, drought, salinity and other abiotic stresses. After independence of Bangladesh in 1971, BADC started well thought and highly organized “formal seed supplying system,” as a result the quantity of 576 MT of quality wheat seeds was supplied to the farmers in the year 1974-75

BADC has been mandated by the MoA to produce and supply quality seeds of 4 (rice, wheat, jute, potato), out of 6 notified crops (rice, wheat, jute, potato, sugarcane, mesta & kenaf) and major non-notified crops out of 73 non-notified crops (the field and seed standard approved by NSB) through BADC’s own seed multiplication farms and contract growers zones.

BADC had successfully increased the supply of quality seeds to the quantity of 1.30 lac MT in 2010-11, 1.44 lac MT in 2011-12, 1.28 lac MT in 2012-13, 1.29 lac MT in 2013-14 and 1.31 lac MT in 2014-15. Keeping in view helping the country achieving self-sufficiency in food grain production by improving the productivity of agriculture with the use of quality seeds, the BADC has a vision with the projection of supplying 2.50 lac MT of quality seeds by 2020-21.

Statement of seed production, processing, preservation and quality testing facilities of BADC:

Description of facilities	Establishment (in No.)
Seed Multiplication Farms	24
Jute Seed Multiplication Farms	2
Pulse & oils Seed Multiplication Farms	4
Vegetable Seed Multiplication Farms	2
Potato Seed Multiplication Farms	2
Horticulture Development Center	9
Agro-Services Center	14
Contract Growers Zones (for all kind of seeds)	79
Seed Processing and Preservation Centers (along with seed testing mini laboratories at each of the centers)	56
Potato Seed Cold Storage	22
Fruits, Fish and vegetable Cold Storage	4
Central Seed Testing Laboratory	1
Regional Seed Marketing Offices	22
Transit Seed Stores	22
Regional Seed Sales Centers under Regional Seed Marketing Offices	22
District Seed Sales Centers	42
Upazila Seed Sales Centers	36
Total Seed Sales Centers	100
Registered Seed Dealers	8052

1.6 BADC seed system

BADC has developed a very organized supply chain of quality seeds. In this supply chain, BADC initially collects high quality Breeder Seed (BS) of improved varieties from National Agricultural Research System (NARS) like BRRI, BARI, BINA, BJRI and as well as from Agricultural Universities and multiplies those BS through production of quality Foundation Seed (FS) at the BADC's own 34 Seed Multiplication Farms (SMF) located at different agro-ecological zones of the country. The FS are multiplied through production of quality Certified Seed (CS) and Truthfully Labeled Seeds (TLS) through 79 Contract Growers' Zones (CGZ) located at different agro-ecological zones and climatic conditions of the country. The produced seeds are procured and then processed and preserved at 56 modern and scientifically developed Seed Processing and Preservation Centers (SPC). The quality of the seed is maintained in the Seed Processing and Preservation Centers. The seed samples from different SPCs are collected by the Central Seed Testing Laboratory, Gabtoli, Mirpur, Dhaka for quality testing of the preserved seeds.

The produced seeds after passing through processing, preservation, quality control and packaging distributed to the final users-the farmers through a very well-organized marketing network throughout the country. There are 22 Regional Seed Marketing Offices (RSMO) of BADC, under those RSMOs there are 22 Regional Seed Sale Centers (RSSC), 42 District Seed Sales Centers (DSSC) and 36 Upazila Seed Sale Centers (USSC). Under the seed supply chain of BADC, there are 8052 Registered Seed Dealers of BADC at the grass root level of the country from where farmers can easily buy quality seeds of BADC. Farmers can buy quality seed of BADC from district seed sale centres and upazila seed sale centres directly.

The seed, as a living planting material, has got chance to become degenerated due to its continuous use without being replacement by new quality seeds. As such, the replacement of seeds is essential at regular intervals. In this regard it is mentioned in "The Seed Rules, 1998" that the seeds should be replaced with quality seeds of improved varieties at least three years interval. With a view to maintaining the continuity of the quality seed supply system, BADC, as a mandate, maintains the collection of BS from NARS (BRRI, BARI, BINA, BJRI) and Agricultural Universities and multiplies the BS through production of FS and thereby from FS to production of CS and TLS by ensuring the "Field Standard" and "Seed Standard" of the National Seed Board (NSB) of the Ministry of Agriculture. The produced quality seeds are made available to the farmers on regular basis so that farmers can replace their own saved poor quality seeds with quality assured seeds of BADC for improving the productivity of Agriculture. The seed supply chain of BADC is shown in Fig.-1.

Figure 1: Seed Production, Processing and Marketing Network of BADC

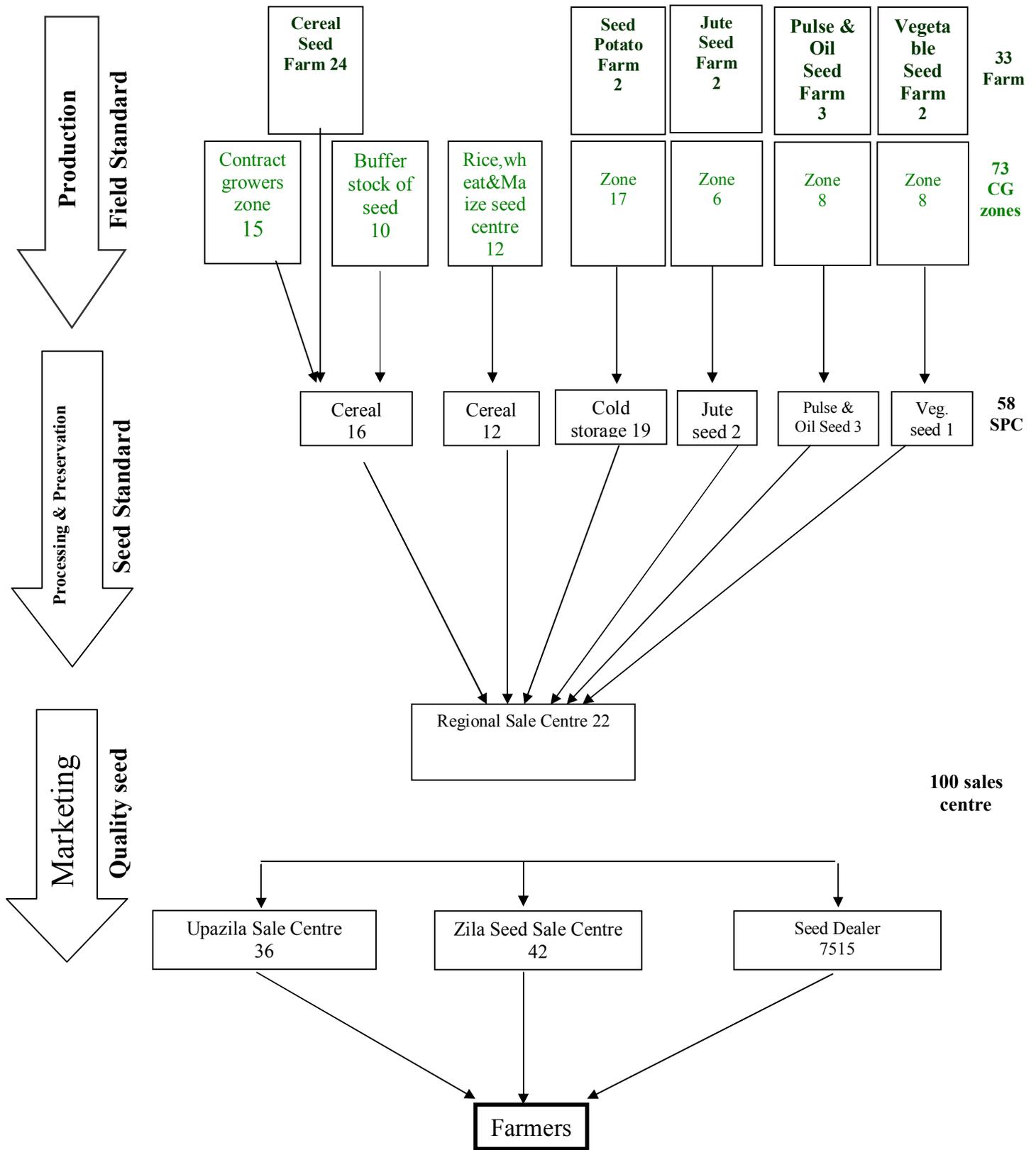


Fig in MT

SL No	Name of the crop	Area (lac hec.)	Agronomic requirement of Seed (MT)	2014-15			
				Production	%	Supply	%
1	Aus (HYV)	9.00	22500	955.70	4	1332.24	6
2	Aman (HYV)	40.15	100375	22403.2	22	22578	22
3	Boro (HYV)	40.75	101875	57450	56	59975	59
4	Boro (Hybrid)	6.60	11220	1613.46	14	1016	9
Total rice Seed		96.50	235970	82423	35	84901	36
5	Wheat	3.75	56250	28177	50	27208	48
6	Maize	2.40	8400	213	3	238	3
Total cereal Seed		102.65	300620	110813	37	112347	37
7	Seed potato	4.60	575000	25179	4	22568	4
8	Pulse Seed	7.00	23184	1726	7	2353	10
9	Oil Seed	7.56	18144	1421	8	1782	10
10	Jute Seed	7.16	6158	1044	17	1044	17
11	Vegetable Seed	7.63	2854	123	4	115	4
12	Spices Seed	5.31	165433	109	0.065	108	0.065
Grand Total		141.91	1091393	140414	13	140317	13

Figure-2: Seed Production and supplied by BADC in FY 2014-15

CROP SECTOR UNDER REVENUE PROGRAM

BADC is implementing its mandated responsibilities of seed production, processing, preservation and distribution of different kinds of seeds through the following programs under revenue budget:

1. Production of Improved Cereal Seeds through Seed Multiplication Farms;
2. Improved Cereal Seed Production through Contract Growers;
3. Procurement, Processing and Distribution of Improved Cereal Seeds Program;
4. Jute Seed Program;
5. Agro Service Center;
6. National Vegetable Seed Program; and
7. Buffer Stock of Seed and its Management Program.

1. PRODUCTION OF IMPROVED CEREAL SEEDS THROUGH SEED MULTIPLICATION FARMS (SMF)

1.1 Introduction

The production of improved seeds through seed multiplication farms has been successfully performing since inception of BADC in the year 1961-62. At present, BADC has 24 SMF having 1801.79 hectares of cultivable lands. These farms have been greatly contributing since its establishment for multiplication of foundation seeds by using breeder seeds collected from different research institutes and agricultural universities. The foundation seeds are used for production of certified seeds and truthfully labeled seeds through contract growers zones of BADC. The activities of the SMFs are of recurring nature. The program namely, “Production of Improved Seeds through Seed Multiplication Farms” has started functioning in the year 2008.

1.2 Objectives of the program

- To multiplies breeder seeds to foundation seeds.
- To multiplies foundation seeds to certified seeds.
- To impart training to seed growers regarding modern seed production technologies & techniques.
- To make foundation seeds available to the organized seed growers.
- To carry out observation and adaptive trials, selection of improved varieties and building up stock of foundation seeds.
- To provide in-service training to officials and field staff of BADC on scientific and modern seeds production technologies, and farm management.
- To produce of hybrid rice seeds and maize seeds.
- To multiplies on inbred maize seed.

1.3 Location of the program

Division	District	Upazila
Dhaka	Dhaka	Mirpur
	Tangail	Madhupur
	Mymensingh	Muktagacha
	Netrokona	Netrokona sadar
	Faridpur	Faridpur sadar
	Rajbari	Pangsha
	Pabna	Atghoria
	Nilphamari	Nilphamari sadar
	Thakurgoan	Thakurgoan sadar
Sylhet	Sylhet	Sylhet sadar
	Habiganj	Madhabpur
Chittagong	Feni	Feni sadar
	Cox'Bazar	Cox'Bazar
Khulna	Jhenaidha	Maheshpur, Jhenaidha sadar
	Chuadanga	Chuadanga sadar
	Meherpur	Meherpur sadar
Barishal	Barishal	Barishal sadar

- 1.4 Program period : July 2014 to June 2015
1.5 Estimated cost of the program : Tk. 990.00 lac
1.6 Allocation of the program in FY 2014-15 : Tk. 990.00 lac
1.7 Expenditure of the program in FY 2014-15 : Tk. 990.00 lac
1.8 Physical progress of the program in FY 2014-15 : 100%

1.9 Seed multiplication farms

The seed multiplication farms program comprises of 23 SMFs of different sizes located at different agro-ecological zones of the country. Gradually, these farms have been modernized through land development, introduction of modern farm machinery and equipment as well as adoption of scientific and modern seed production technologies and practices. The total area of these 23 farms is about 2248.80 hectares out of which the cultivable land is about 1801.79 hectares. The Table-1.01 shows the total area and cultivable land of different SMFs of BADC.

Table 1.1 Total area and cultivable land of different seed multiplication farms

Sl. No.	Name of the Farm	Location	Total Area (ha)	Cultivable Land (ha)
1	Pathila	Dattanagar, Jhenaidah	238.46	171.66
2	Mathura	Dattanagar, Jhenaidah	188.66	168.42
3	Gokulnagar	Dattanagar, Jhenaidah	236.18	200.81
4	Karincha	Dattanagar, Jhenaidah	230.77	194.33
5	Kushadanga	Dattanagar, Jhenaidah	197.17	180.97
6	Sadhuhati	Sadhuhati, Jhenaidah	40.49	32.79
7	Boalia	Godaiapur, Khulna	42.32	30.77
8	Noor nagar	Chuadanga, Chuadanga	39.94	31.58
9	Meherpur	Baradi, Meherpur	166.85	134.41
10	Tebunia	Tebunia, Pabna	178.14	137.65
11	Nilphamari	Nilphamari, Nilphamari	39.69	36.47
12	Mirpur	Gabtoli, Dhaka	45.65	24.29
13	Madhupur	Kakraid, Tangail	202.02	142.63
14	Kashimpur	Gabtali, Mymensingh	39.32	32.44
15	Netrokona	Netrakona, Netrakona	46.96	41.79
16	Pangsha	Pangsha Rajbari	41.77	34.21
17	Tambulkhana	Kanaipur, Faridpur	41.89	33.36
18	Panchgachia	Panchgachia, Feni	33.29	27.43
19	Sylhet (Sadar)	Islampur, Sylhet	42.12	34.01
20	Itakhola	Itakhola, Hobigonj	49.49	38.06
21	Jhilonja	Cox's bazar, Cox's bazar,	33.20	23.48
22	Lakutia	Lakutia, Barishal	33.95	21.88
23	Thakurgaon	Thakurgaon, Thakurgaon	40.49	28.34
Total:			2248.82	1801.78

From Table 1.1, it appears that the area under individual farm ranging from minimum 33.20 hectares to maximum 238.46 hectares. Total area of 22 farms is 2248.82 hectares, out of which the total cultivable land is 1801.78 hectares. The farms are mainly used for producing foundation seeds from breeder seeds.

1.10 Seed Production

The seed multiplication farms are operated through efficient supervision and management by highly experienced and trained seed technologists. Breeder Seeds are collected from different research institutes like BRRI, BARI, BINA, BJRI, and Agricultural Universities and used for production of foundation seeds of Rice, Wheat, Maize, Seed Potato, Vegetables, Pulses and Oilseeds. The quality seeds are produced with the adoption of modern and scientific seed production technologies and farm management. The target and actual production of foundation seeds during the FY 2014-15 are shown in Table-1.2

Table 1.2 Target and actual production of seeds during the FY 2014-15

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Aus	735.00	727.36	98.96
Aman	3202.00	2957.00	92.34
Boro	1672.10	1531.00	91.56
Boro Hybrid	1500.00	1613.47	107.56
Wheat	656.00	299.82	45.70
Maize	52.20	34.61	66.30
Potato	1258.95	1249.64	99.26
Pulse & oil	494.80	426.00	86.10
Other new variety	25.00	11.31	45.24
Total	9596.05	8850.21	92.23

2. IMPROVED CEREAL SEED PRODUCTION THROUGH CONTRACT GROWERS

2.1 Introduction

Improved seed is the basic component of modern agriculture. To cope with the growing demand of food for the growing population, it is necessary to bring about qualitative change in agriculture production through extensive expansion of the use of improved seeds along with appropriate technology. Improved seed produced in BADC's seed multiplication farms is not sufficient enough to meet up the national requirement of seeds. On the other hand, seeds of different crops produced by BADC have high demand and acceptance to the farmers. So, to cope with the growing demand of improved seeds of HYVs/MVs/Hybrids in large quantity, BADC started producing seeds by the selected farmers in different areas at farmer's fields under the "Registered Growers Scheme". Later, BADC undertook a project namely "Production of Improved Cereal Seeds through Contract Growers" in 1976. In the contract growers system, the seeds are produced following all steps of seed technology which are more systematic, organized and effective than earlier system. The project was included in the revenue program in the FY 2003-2004.

2.2 Objectives of the program

- To arrange production of certified seed and truthfully labeled seeds by using of foundation seeds through contract growers and to arrange procurement and supply of these seeds to processing centre;
- To select and organize seed growers and arrange training on seed technology in the project area;
- To provide technical assistance and other facilities for establishment of seed industries under private sector;
- To ensure supply of various agricultural inputs to the contract growers in time; and
- To provide soil testing facilities for contract growers/general farmers through Soil Resources Development Institute.

2.3 Location of the program

Division	District
Dhaka	Dhaka, Gazipur, Manikgonj, Mymensingh, Tangail, Jamalpur, Sherpur, Rajbari and Faridpur.
Chittagong	Comilla, Chittagong, Cox's Bazar and Feni.
Khulna	Chuadanga, Jhenaidah, Meherpur, Jessore.
Barishal	Barishal
Sylhet	Brahmanbaria, Habiganj, Moulvibazar, Sylhet
Rajshahi	Pabna, Rajshahi, Natore, Chapainababgong, Bogra
Rangpur	Gaibandha, Rangpur, Nilphamari, Dinajpur, Thakurgaon and panchorgor.

- 2.4 Program period : July 2014 to June 2015
- 2.5 Estimated cost of the program : Tk. 245.00 lac
- 2.6 Allocation of the program in the FY 2014-15 : Tk. 245.00 lac
- 2.7 Expenditure of the program in the FY 2014-15 : Tk. 245.00 lac
- 2.8 Physical progress of the program in the FY 2014-15 : 100%

2.9 Contract Growers Zones

To produce certified seeds and truthfully labeled seeds BADC has established several contract growers zones with unitary and block-wise Divisions throughout the country concentrating specially in the safe seed producing area. Under the running program, there are 15 contract growers zones with a total of 37,870 contract farmers involved. A list of contract grower's zones with command area and the number of contract growers are given below in Table 2.1.

Table 2.1 List of contract growers zones with command area and number of farmers

Sl. No.	Name of Contract Growers Zones	Command area (ha)	Total number of farmers involved
1	Dhaka	1,376.01	941
2	Modhupur (Tangail)	2,068.87	3,208
3	Jamalpur	2784.42	1,464
4	Itakhola (B.Barua)	1,920.30	2,667
5	Chittagong	1,270.87	821
6	Faridpur-Barisal	3130.07	2,490
7	Chuadanga	7817.98	10,336
8	Meherpur	2,831.30	3,563
9	Jessore	2,041.44	1,466
10	Tebunia (Pabna)	2,446.79	2,132
11	Rajshahi	2603.55	3104
12	Bogra	2770.62	1132
13	Rangpur	1,898.39	963
14	Dinajpur	4,773.52	2,273
15	Thakurgaon	3,783.81	1,354
Total		43,383.44	37,870

2.10 Seed production

The foundation seeds produced in seed multiplication farms are distributed to the contract growers for production of CS/TLS. At present, BADC has 15 contract growers zones all over the country. Under this program, CS/TLS of HYV/MVs of rice and wheat are produced through contract growers under close supervision of BADC's technically sound personnel. The target and actual production of seeds through contract growers during the FY 2014-15 are shown in Table 2.2

Table 2.2 Target and actual production of seeds during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Aus	325	229	70.46
Aman	12249	11834	96.61
Boro	32856	32338	98.42
Wheat	18887	19000	100.5
Maize	103	65	63.10
Total	64420	63466	98.51

3. PROCUREMENT, PROCESSING AND DISTRIBUTION OF IMPROVED CEREAL SEEDS PROGRAM

3.1 Introduction

BADC produces HYV/MV and Hybrid seeds of different crops at Seed Multiplication Farms (SMF) and through Contract Growers Zones (CGZ). After production, the seeds are procured, processed (cleaning, grading, drying, testing, treating etc.) and preserved in the 16 (sixteen) Seed Processing Centers (SPC) for next growing season. The seeds are distributed to the farmers through BADC seed marketing channel. The first stage of the program is procurement of seeds from SMFs and CGZs and sent to BADC's Seed Processing Centers (SPC) for Processing and Preservation. The quality of seeds largely depends on proper processing and preservation in ideal condition. The 16 (sixteen) seed processing centers are equipped with modern seed processing, preservation and seed testing facilities. There is one seed testing laboratories at each of the 16 SPC, and also a well equipped Central Seed Testing Laboratory at Mirpur, Dhaka. The seed quality is tested at individual seed testing laboratory of 16 SPC and monitored through seed sample testing at the Central Seed Testing Laboratory, Dhaka.

3.2 Objectives of the program

- To procure, process and preservation of foundation, certified and truthfully labeled cereal seeds produced by the other seed production program at different seed processing centers;
- To pack the produced seeds after processing and preservation will be packed and dispatched to the different Regional Seed Storages and from where the seeds are distributed to the dealers, farmers and private sectors through Seed Distribution Division;
- To test the quality of the seed at the Seed Testing Laboratories of the 16 Seed Processing Centers and to monitor the seed quality standard through sample seed testing at the Central Seed Testing Laboratory Mirpur, Dhaka;
- To develop a well managed nationwide dealer network and to upgrade the efficiency of the dealers through regular training for effective seed distribution;
- To up-scall the efficiencies of the officers and staff of BADC through different regular training on seed technology by which skilled manpower will be developed in the country;
- To provide necessary seed processing, preservation, and seed testing facilities to the private sector;
- To provide necessary technical guidance and farmers training to the private seed producers on quality seed production, processing and preservation; and
- To help the country to attain self-sufficiency in food grain production through increasing the agricultural productivity by using quality seeds.

3.3 Activities of the program

The activities of this seed program may be categorized as follows –

- Procurement
- Processing
- Preservation
- Quality testing
- Distribution
- Training
- Service to private sector

With a view to ensuring the supply of quality seeds of improved varieties, this program has been functioning since 1976 to till-date. BADC has established 16 seed processing centers having a mini seed testing laboratory at each SPC situated at different locations of the country. There is a central highly scientific and modern seed testing laboratory at Gabtoli, Mirpur, Dhaka. The success of this program is that BADC has made available a total quantity of 80392 MT quality seeds of Rice (Boro, Aman, and Aus), Wheat and Maize to the farmers. The seeds are distributed to the farmers through a number of 100 seed sales centers across the country. The location of 100 seed sale centers are (a) 64 District Seed Sales Centers located at each District Headquarters and (b) 36 Upazila Seed Sales Centers located at remote Upazila.

3.4 Location of the program

Division	District	Upazila
Khulna	Meherpur	Sadar
	Jessore	Sadar
	Chuadanga	Sadar
Chittagong	Chittagong	Sadar
	Comilla	Sadar
Rajshahi	Rajshahi	Sadar
	Bogura	Sadar
	Pabna	Sadar
Rangpur	Rangpur	Sadar
	Thakurgaon	Sadar
	Dinajpur	Sadar
Dhaka	Dhaka	Sadar
	Tangail	Modhupur
	Faridpur	Sadar
Barishal	Barishal	Sadar
Sylhet	Hobigonj	Madhabpur

- 3.5 Program period : July 2014 to June 2015
- 3.6 Estimated cost of the program : Tk. 5400.00 lac
- 3.7 Allocation of the program in FY 2014-15 : Tk. 5400.00 lac
- 3.8 Expenditure of the program in FY 2014-15 : Tk. 5400.00 lac
- 3.9 Physical progress of the program in FY 2014-15 : 100%

3.10 Procurement

The foundation seeds are produced at different seed multiplication farms of BADC. The certified seeds and truthfully labeled seeds are produced through 15 contract growers' zones. The seeds are collected/ procured from seed multiplication farms and CGZs and supplied to the seed processing centers for processing, preservation and quality control. The Table-3.2 shows the target and actual procurement of seeds during 2014-15.

3.11 Processing and preservation

With a view to maintain quality of seeds, BADC has established 16 modern and scientific seed processing centers at different locations of the country for processing, preservation and quality control of seeds. The 16 SPCs have two types of storage facilities like normal storage facilities and dehumidified storage (conditioned storage) facility. The name, location and storage capacity of 16 SPCs are shown in Table-3.1

Table 3.1 List of 16 seed processing centers with their storage capacity

Sl. No.	Name of SPC	Location	Storage Capacity (MT)		
			Normal storage	Dehumidified storage	Total
1.	Chuadanga	Chuadanga	5300	2000	7300
2.	Madhupur	Tangail	4800	2100	6900
3.	Tebunia	Pabna	4400	100	4500
4.	Rajshahi	Rajshahi	3600	100	3700
5.	Rangpur	Rangpur	4900	100	5000
6.	Dinajpur	Dinajpur	4700	100	4800
7.	Thakurgaon	Thakurgaon	2800	2000	4800
8.	Bogra	Bogra	3800	-	3800
9.	Jessore	Jessore	3700	100	3800
10.	Meherpur	Meherpur	1750	100	1850
11.	Faridpur	Faridpur	4900	-	4900
12.	Lakutia	Barishal	800	-	800
13.	Mirpur	Dhaka	3000	100	3100
14.	Comilla	Comilla	2900	100	3000
15.	Itakhola	Hobigonj	1700	100	1800
16.	Chittagong	Chittagong	1500	-	1500
Total:			54,550	7,000	61,550

The seeds produced at seed multiplication farms and contract growers zones are procured and transported to the 16 seed processing centers (SPC). At the 16 SPCs, the collected seeds are processed, preserved properly and the quality is maintained through routine testing. The seed

processing, preservation and quality control activities are done by skilled experienced and technically sound personnel. The preserved quality assured seeds are distributed to the farmers through well organized marketing networks of BADC across the country. The quantity of seeds preserved at 16 SPC in FY 2014-15 is shown in Table-3.2

Table 3.2 The seed processing center-wise quantity of improved seeds, processed and preserved during the FY 2014-15

Figure in MT

Sl. No s.	Name of SPC	Rice				Wheat	Maize
		Aus	Aman	Boro	Total	Local	Local
1	Bogra		834.218	2014.495	2848.713		
2	Chittagong	31.165	547.455	596.600	1175.22		
3	Chuadanga	272.553	4001.296	8994.787	13268.636	7749.916	85.68
4	Comilla	60.260	447.660	1176.250	1684.17		
5	Dhaka	5.900	201.495	1099.665	1307.06		
6	Dinajpur		2579.095	4159.035	6738.13	2898.275	
7	Faridpur	25.675	330.210	2739.063	3094.948	1837.835	
8	Itakhola	52.945	334.480	1196.695	1584.12	50.000	
9	Jessore	290.936	1866.726	2286.201	4443.863	1180.520	
10	Lakutia		266.520	306.930	573.45		
11	Meherpur	29.311	1136.530	1504.065	2669.906	1053.012	
12	Madhupur	77.440	1883.246	8305.536	10266.222	297.583	8.98
13	Rajshahi		487.070	1149.140	1636.21	1360.000	
14	Rangpur	6.370	531.720	1137.290	1675.38	22.560	
15	Tebnia	103.170	845.482	1717.310	2665.942	1985.750	
16	Thakurgaon		737.419	1997.756	2735.175	3491.345	2.95
Total:		955.705	17030.622	40380.818	58367.15	21926.795	97.63

3.12 Distribution

The seed supply chain of BADC is maintained from organized formal seed production, processing, preservation, quality control and ultimately to distribute quality assured seeds to the farmers. At each and every stage, the quality is maintained as a result the BADC seed has been branded as quality seed and gained its popularity to the farmers. The seeds are distributed through very well organized marketing networks up to the remote rural areas of the country. The seed distribution channels of BADC are comprised of 22 transit seed sale centers, 42 district seed sale centers, and 36 upazila seed sale centers. There are 8052 registered seed dealers of BADC (they are also registered with the Seed Wing, Ministry of Agriculture). The target and actual distribution of seeds of different crops are shown in Table-3.2

Table 3.3 Target and actual production of seeds during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Aus	1060.180	955.705	90.10
Aman	18056.127	17030.722	94.31
Boro	40985.800	40380.818	98.52
Wheat	21855.060	21926.795	100.32
Maize	214.05	186.075	86.91
Total	82171.22	80480.12	94.032

3.11 Training

As per “The National Seed Policy, 1993,” BADC should provide technical assistance and other support/services to promote the development of private sector seed industry. BADC has strengthened its capabilities and facilities to provide technical support and services through imparting training to the human resources working in the private sector. The training includes seed technologies on quality seed production, processing, preservation and seed quality control. The contract growers’ farmers are also getting training on seed production technologies.

3.4 Training Organized by BADC at Seed Testing and Training Center, Gabtali, Mirpur, Dhaka during the FY 2014-15

Sl No	Title	Participating Organization/ Group	No. of participants			Sponsored by	Duration of Training (days)
			Govt.	Private	Total		
1	Materials Development and Planing Workshop	Private Sector officers & Gov. Officer(DAE)	3	20	23	SEBA Limited	3
2	Training on Seed Processing, Preservation & Quality Control	Seed Dealers & Private Sector Officer s	0	25	25	MoA	3
3	Training on Seed Testing	BADC Officers	30	0	30	EQSSP	2
4	Seminar on Establishment of Modern Seed Testing Laboratory	BADC Officers	60	0	60	EQSSP	1
5	Training on Seed Production, Processing, Preservation & Quality Control	BADC Officers	0	23	23	EQSSP	3
6	Training on Seed Production, Processing, Preservation & Quality Control	BADC Officers	0	23	23	EQSSP	3
Total :			93	91	184		15

3.13 Service to private sector

As per “The National Seed Policy, 1993,” BADC should extend support service to the private sector seed industry through seed processing, preservation and quality control. BADC since 1991 has been providing support service to the private sector through access to seed processing activities like drying, cleaning, grading and quality testing measures like seed moisture, purity and germination testing on payment basis since 1991.

Table 3.5 Quantity of seeds of private sector processed at different SPCs during the FY 2014-15.

FY	Name of agencies under Private Sector	Quantity of seed processed (in MT)	Service charges realized (in lac Taka)
2014-15	a) Contract Farmers b) Private Companies c) NGOs	50,028.45	255.07

4. JUTE SEED PROGRAM

4.1. Introduction

Jute is very important to the economy of Bangladesh. It is considered as golden fiber in Bangladesh. It is a leading cash crop and still a major source of foreign exchange. Jute provides employment to a considerable labor force; at least 30% of the population in Bangladesh is involved in Jute sector. High quality jute seeds play important role in regulating crop growth and development. BADC multiplies breeder seeds of jute at the foundation jute seed farms and also produce certified seeds through contract grower's zones.

4.2 Objectives of the program

- To multiplies breeder seeds to foundation seed;
- To multiplies foundation seed to certified seed;
- To multiplies certified seed through contract growers and make available the improved quality jute seeds to the farmers;
- To impart to contract farmers on jute seed production technologies and practices;
- To impart to officials and staff of BADC on scientific and modern jute seed production, processing, preservation and quality control technologies; and
- To develop modern jute seed processing, preservation and quality control facilities.

4.3 Location of the program

Division	District
Dhaka	Dhaka
	Manikgonj
	Tangail
	Mymensingh
Rangpur	Rangpur
	Gaibandha
	Dinajpur
Rajshahi	Rajshahi
	Chapainawabganj
	Natore
	Bogra
	Sirajgonj
Khulna	Jessore
	Jhenidah
	Narail
	Magura
	Kushtia
	Chuadanga
	Rajbari
	Meherpur

- 4.4 Program period : July 2014 to June 2015
- 4.5 Estimated cost of the program : Tk. 365.00 lac
- 4.6 Allocation of the program in FY 2014-15 : Tk. 365.00 lac
- 4.7 Expenditure of the program in FY 2014-15 : Tk. 365.00 lac
- 4.8 Physical progress of the program in FY 2014-15 : 100%

4.9 Activities of jute seed program

As per the provision of the jute seed program of BADC, quality jute seed is produced at the BADC's own jute seed multiplication farms and through contract grower's zones. Breeder seed is collected from BJRI and multiplied for production of foundation seeds at the two jute seed multiplication farms at Nashipur under Dinajpur District and at Chitla under Meherpur District. The foundation seed is multiplied for production of certified seed through six contract growers zones located at different agro-ecological zones of the country.

4.10 Jute seed production farms and contract grower's zones

The breeder seed of jute collected from BJRI is multiplied through production of foundation seed at the BADC's own jute seed multiplication farm and foundation seed is multiplied through production of certified seed at contract grower's zones of BADC. The list of jute seed multiplication farm is shown in Table-4.1 and list of contract growers zones is shown in Table-4.2

Table 4.1 List of jute seed multiplication farm of BADC with area and cultivable land

Sl. No.	Name of the farm	Location	Total Area (ha)	Cultivable Land (ha)
1	Nashipur	Dinajpur	243.70	206.48
2	Chitla	Meherpur	162.52	136.84
Total			406.22	343.32

Table 4.2 List of contract growers zones for jute seed production

Sl. No.	Name of contract growers zones	Command area (ha)	Total number of farmers involved
1	Dhaka	182.18	681
2	Tangail	207.28	1,023
3	Bogra	285.82	912
4	Jessore	708.50	2,275
5	Kustia	824.69	1,765
6	Rajshahi	827.93	1,649
Total		3,036.40	8,305

4.11 Production

The actual production of foundation and certified jute seed during the FY 2014-15 at BADC'S own farms and the contract growers zones are shown in Table 4.3

Table 4.3 Target and actual production of jute seed during the FY 2014-15 Figure in MT

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Jute seed	1049.00	1043	99.42
Nerica(Aus)	20.00	28	140
Aman	399.00	374	93.73
Nerica(Aman)	30	29	96.67
Boro	450.00	354	78.67
Wheat	315.00	262	83.17
Potato	805.00	753	93.54
Sugarcane	560.00	415	74.11
Pulse and oil Seed	7.50	4.5	60

4.12 Procurement and processing

BADC collects foundation seeds from own jute seed farms and certified seeds are procured from contract growers and then properly processed and preserve in jute seed processing plants Meherpur and Jessore.

Table: 4.4 Target and actual farmers training during the FY 2014-15

Name of training courses	2014-15		Achieved in percentage
	Target	Actual	
Farmers training on Jute seed Production	600	600	100

5. AGRO-SERVICE CENTER PROGRAM

5.1 Introduction

With a view to make available the nutritious vegetables, fruits and spices directly in the market for human consumption of the country, BADC had established 4 Agro -Service Centers-ASC (formerly known as Agricultural Development Estates-ADE) nearest to the important cities of Dhaka, Chittagong, Rajshahi and Jessore in 1967-68. Each of the ASC has its own demonstration farms and also has project area within the command area of the ASC. During the period of the SFYP (Second Five Year Plan) of the country, 12 more ASC were established, as a result the total numbers of ASC were increased to 16 (sixteen). The 9 ASC out of 16 were transferred to the Horticulture Development Project (HDP) of BADC. Subsequently 3 new ASC were established at Basisal, Patuakhali and Noakhali. Hence finally the total numbers of ASCs are now 10 (ten). The 2 (two) ASCs located at Lama and Bandarban were established during the TFYP (Third Five Year Plan) as one of the components of special Agricultural Development Project of the Chittagong Hill Tracts Development Board which were included in the ASCs. By the order of the Government one more centre was set up at Barguna for the period of 1998-2000. Later, it was extended for two more years as per the decision of the Ministry of Agriculture. After 2002, it was merged with the main project. Thus the total numbers of Agro-Service Centers are now stands at 13 (thirteen). The nature of this project was program oriented, as a result for its continuation it was approved by ECNEC for the period of July 2000 to June 2005. This project was been continuing under the revenue budget of BADC as a Program since January 2004.

5.2 Objectives of the program

- To increase production and ensure supply of fresh vegetables, fruits and spices in the country and to alleviate nutritional deficiency as well as to improve the life style of the people of the project area through Agro-Service Centers;
- To reduce the pressure on cereal and pulses crops and to help meet up the growing demand for vegetables, fruits and spices with a view to changing the food habit of the people;
- To organize cooperative society/farmers group for intensifying production of vegetables, fruits and spices through supplying all farm inputs including seeds, grafts/gooties etc;
- To impart training to the farmers, technical guidance to the farmers on improved modern technology and farm practices and to supply agricultural inputs to the farmers for producing quality seeds, grafts, vegetables, fruits & spices; and
- To provide transportation, marketing, packaging, sorting, grading, storing facilities etc. and also impart training to the farmers on grading, packaging of vegetables, fruits and spices etc.

5.3 Location of the program

Division	District	Upazila
Rangpur	Rangpur	Rangpur Sadar
Rajshahi	Dinajpur	Dinajpur Sadar
	Pabna	Pabna Sadar
Dhaka	Jamalpur	Jamalpur Sadar
	Kishorganj	Kishorganj Sadar
Sylhet	Sylhet	Sylhet Sadar
Khulna	Khulna	Daulatpur
	Meherpur	Meherpur Sadar
Chittagang	Noakhali	Noakhali Sadar
	Bandarban	Lama
	Bandarban	Bandarban Sadar
Barishal	Barguna	Barguna Sadar
	Barishal	Barishal Sadar
	Patuakhali	Patuakhali Sadar

- 5.4 Program period : July 2014 to June 2015
- 5.5 Estimated cost of the program : Tk.179.80 lac
- 5.6 Allocation of the program in FY 2014-15 : Tk.179.80 lac
- 5.7 Expenditure of the program in FY 2014-15 : Tk.179.80 lac
- 5.8 Physical progress of the program in FY 2014-15 : 100%

Table 5.1 Location and area of Agro - Service Centers

Sl. No.	Location	Area of demonstration farm (ha)	Command area (ha)
1.	Moheshwarpasha, Daulatpur, Khulna	5.01	7,874
2.	Ramanandapur, Kotwali, Pabna	4.50	7,874
3.	Ashratnagar, Rangpur	4.72	7,874
4.	Chehelgazi, Dinajpur	20.46	7,874
5.	Dapunia, Jamalpur	4.37	7,874
6.	Latifabad, Kishoreganj	3.85	7,874
7.	Kumergaon, Sylhet	3.60	7,874
8.	Lama, Bandarban	13.91	7,874
9.	Balaghata, Bandarban	4.42	7,874
10.	Charuria, Noakhali	4.72	7,874
11.	Lakutia, Barisal	6.16	7,874
12.	khalisha khali, Patuakhali	4.61	7,874
13.	Barguna, Sadar	4.72	7,874
14.	Meherpur Sadar	4.05	--
	Total :	89.10	1,02,362

In order to implement the above objectives, all the ASCs situated at different places of the country are organized suitably. Besides, village-based farmers' co-operatives/groups are also organized in the project area of each of the ASC. These agro-based co-operatives/groups are assisted with all types of facilities through farmers' training, transfer of modern agricultural technologies, supply of quality seeds of improved varieties, seedlings, grafts, gooties etc. Agro -Service Centers have also arranged necessary facilities to ensure proper marketing of the products of the farmers in the project area. These activities of Agro- Service Centers have created a momentum and opened a new era of agricultural development in the project area so far as the production of agricultural crops particularly vegetables and fruits are concerned. The project has also created a positive impact on the socio-economic conditions of the farmers of the project area. The Table-5.1 shows the name of the ASC, its demonstration area and command area.

Table 5.2 Target and actual production of seed during the FY 2014-15

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Vegetable (MT)	50000	50100	100
Spices (MT)	450	450	100
Vegetable Seedlings (000)	3800	3770	99
Grafts/Gooties(000)	3100	2676	86
Coconut seedlings (000)	250	250	100
Production of fruits (MT)	1300	1750	135

5.9 Marketing

Marketing plays a vital role in the activities of supplying produces to the consumers. BADC, with the production in ASC's and project areas, provides marketing facilities to the farmers/producers to sell their produces at fair price. With this end in view, BADC has set up its own sale centers and introduced mobile transport facilities through which the produces of the centers and project area are being sold. In addition to that, the marketing of produces of the farmers in the project area has further improved with the improvement of transport facilities in the areas.

5.10 Training

The Agro -Service Centers (ASC), as a part of its activities, are imparting training to the farmers of the project area on modern agricultural technologies for production of improved variety of winter and summer vegetables, fruits, grafts, gooties etc. and other non-traditional crops. The farmer's training is being conducted in groups formed in the blocks/units in the project area. Necessary allowances and conveyances are also given to the farmers for taking part in the training program. This training to the farmers is a regular phenomenon of ASC's and the farmers take part in the training program with enthusiasm. This training has been helping the farmers to acquire modern agricultural crop production technologies, practices and management as well as build up their capacities and capabilities on production and maintaining qualities of produces.

Table: 4.4 Target and actual farmers training during the FY 2014-15

Name of training courses	2014-15		Achieved in percentage
	Target	Actual	
Farners training	-	-	-

6. NATIONAL VEGETABLE SEED PROGRAM

6.1 Introduction

With a view to meet up the national requirements of quality vegetable seeds of improved varieties, BADC had undertaken the visionary and pragmatic vegetable seed program in 2011-12.

6.2 Objectives of the program

- To supply quality vegetable seeds both foundation and improved;
- To establish self-reliance seed industry by strengthening improved seed production by the private sector through contract grower system;
- To provide technical assistance and training to the professionals, field workers, seed entrepreneurs and NGOs; and
- To popularize the use of new and improved varieties of vegetable through farmer's training and advertisement.

6.3 Location of the program

Division	District	Upazila
Rajshahi	Rangpur	Rangpur sadar
Khulna	Meherpur	Amjhupi

- 6.4 Program period : July 2014 to June 2015
- 6.5 Estimated cost of the program : Tk. 300.00 lac
- 6.6 Allocation of the program in FY 2014-15 : Tk. 300.00 lac
- 6.7 Expenditure of the program in FY 2014-15 : Tk. 300.00 lac
- 6.8 Physical progress of the program in FY 2014-15 : 100%

6.9 Activities of the program

- Multiplication of high yielding modern varieties of vegetable seeds and distributing among the farmers;
- Creation of awareness to the farmers on use of improved varieties of vegetable seeds.
- Dissemination of vegetable seed production technologies to the private sector, NGOs and farmers;
- Support services to the private sector, NGOs, and farmers through providing vegetable seed processing, preservation, seed testing and quality control;
- Training to the farmers, private sector, NGOs and seed dealers on vegetable seed technologies; and
- Technical assistance to the private sector and NGOs for development of seed industries.

6.10 Vegetable seed farms

The vegetable seed program has been implementing through quality vegetable seed production of improved varieties at two vegetable seed farms located at Rangpur and Meherpur and two contract growers' zones adjacent to the Rangpur and Meherpur vegetable seed farms. The vegetable seeds produced at vegetable seed farms and contract growers' zones are processed, preserved, seed testing and quality control at the central vegetable seed processing center situated at Gabtoli, Mirpur, Dhaka.

Table 6.1 Target and actual production of seeds during the FY 2014-15 Figure in MT

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Winter vegetable	82.92	70.97	85.59
Summer vegetable	44.10	52.00	117.91
Potato	176.00	176.00	100.00
Onion seed and bulb	115.00	111.50	96.96
Hybrid vegetable seed	0.05	0.05	100.00
Total	418.07	410.52	98.19

6.11 Private sector service

Support services provided to the private sector for preservation of vegetable seeds in 2014-15 are shown in Table 6.3

Table: 6.2 Target and actual farmers training during the FY 2014-15

Name of training courses	2014-15		Achieved in percentage
	Target	Actual	
Training on winter and summer vegetable seed production	120	120	100

Table 6.3 Vegetable seed preservation facilities provided to the private sector in FY 2014-15

Figure in Kg

Sl.No.	Name of the Private Sector	Vegetable Seed Preserved	Quantity
1.	SB Group care Int. Ltd.	Vegetable seed	87.50
2.	Borno shorno seed	Vegetable seed	159.00
3.	Agriconcern Ltd.	Water melon seed	44.220
4.	Masud Seed Company	Vegetable seed	107.00
5.	Paira agro Ltd.	Vegetable seed	220.90
6.	Alauddin Seed Co.	Vegetable seed	1251.50
7.	Alamgir seed	Vegetable seed	438.70
8.	Momin beej Ghar	Vegetable seed	1452.00
9.	Rajdhani Seed co	Vegetable seed	2430.00
10.	North South seed company	Vegetable seed	212.00
Total			6402.82

7. BUFFER STOCK OF SEED AND ITS MANAGEMENT PROGRAM

7.1 Introduction

The natural calamities like floods, cyclones, hailstorms, excessive rainfall, rainfed, drought etc are common phenomenon in Bangladesh. These types of abiotic stresses cause substantial damage to the seedbeds, seedlings, vegetative stages, standing crops and harvesting stages of seeds and commercial crops as a result farmer's incurre innumerable losses. The consequence of the natural calamities is that the post calamities agricultural rehabilitation program badly suffers due to shortage of quality seeds of improved varieties. Keeping in view to overcoming the seed shortage due to natural calamities and to help maintaining continuity of agricultural production, BADC has come forward through launching a proactive program namely "Management of Buffer Stock of Seed" under the revenue budget in July, 1997 and it was continued up to June, 2001. The project was further extended for the period of five years from July, 2001 to June, 2005.

Taking into the consideration of the successful impact and immense importance, BADC had attached priority to continue the program from July, 2005 to June 2010. BADC had decided to continue the program from July, 2010 to June, 2013. Under this priority program the buffer stock of cereal seeds particularly rice and wheat seeds has been maintained annually.

7.2 Objectives of the program

- To ensure normal supply of seed at the time of any natural calamity;
- To ensure stable, fair and competitive price of seed and
- To maintain continuity of food production by ensuring normal supply of seed.

7.3 Location of the program

Division	District	Upazilla	Zone
Dhaka	Tangail	Modhupur	Modhupur
	Tangail	Tangail sadar	Tangail
	Jamalpur	Jamalpur sadar	Jamalpur
	Kishoreganj	Kishoreganj sadar	Kishoreganj
Khulna	Jessore	Monirampur	Jessore
Khulna	Chuadanga	Chaudanga sadar	Chuadanga
Sylhet	Hobiganj	Madhabpur	Itakhola
Rajshahi	Thakurgaon	Thakurgaon sadar	Thakurgaon
Barishal	Jhalokati	Jhalokati	Jhalokati
Barishal	Patuakhali	Patuakhali	Patuakhali

- 7.4 Program period : July 2014 to June 2015
- 7.5 Estimated cost of the program : Tk. 400.00 lac
- 7.6 Allocation of the program in FY 2014-15 : Tk. 400.00 lac
- 7.7 Expenditure of the program in FY 2014-15 : Tk. 400.00 lac
- 7.8 Physical progress of the program in FY 2014-15 : 100%

7.9 Seed production zones

At present, the buffer stock of seed and its management program has been implementing through ten contract growers zones, the number of contract farmers involved with this program is 4207. A list of contract grower's zones with command area and number of contract growers involved is shown in Table-7.1

Table 7.1 List of contract growers zones, command area, and number of contract growers

Sl. No.	Name of contract growers zones	Command area (ha)	Total number of contract farmers involved
1	Madhupur, Tangail	1197.98	1396
2	Itakhola, Habiganj	925.50	527
3	Jessore	1393.52	721
4	Thakurgaon	874.90	418
5	Chuadanga	1446.56	1471
6	Tangail	444.53	681
7	Jamalpur	461.54	327
8	Kishoreganj	121.46	67
9	Patuakhali	64.78	40
10	Jhalokathi (Barisal)	38.46	27
	Total :	6,969.23	5675

Table 7.2 Target and actual production of seed during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achievement in percentage
	Target	Actual	
Aman	2000.00	1837.09	92
Boro	6310.00	6326.99	100
Wheat	2563.00	2562.98	100
Total	10873.00	10727.06	99

CHAPTER-II

Crop Sector project under Annual Development Program

The Annual Development Program (ADP) is funded from the revenue budget of the Government of Bangladesh. BADC undertakes number of projects under ADP on different important development sectors. As a continuous process of development activities, a good number of projects has been undertaken by BADC under ADP of Ministry of Agriculture for the greater interest of quality seed production, processing, preservation, quality control and distribution to the farmers. The main theme of these projects is to promote higher yields (15-20% as globally recognized by using quality seed alone) of agriculture with ultimate objective of helping the country to attain self-sufficiency in food grain production.

List of projects under Annual Development Program (ADP).

1. Integrated Quality Horticulture Development Project;
2. Tuber Crops Development Project;
3. Enhancing Quality Seed Supply Project;
4. Establishment of Seed Multiplication Farm in the Southern Costal Region (Barisal & Patuakhali); and
5. Establishment of Pulse and oil seed Multiplication Farm and processing center at Subarnachar Upazilla in Noakhali District

1. INTEGRATED QUALITY HORTICULTURE DEVELOPMENT PROJECT

1.1 Introduction

The project namely “Horticulture Development Project (HDP)” for the period of July 1989 to June 1999, funded by Asian Development Bank (ADB) and United Nations Development Program (UNDP), there were three implementing agencies, (a) BADC, (b) DAE (Department of Agricultural Extension) was responsible for development and extension of horticulture crops, and (c) BARI (Bangladesh Agricultural Research Institute) assigned with research component for horticulture crops. Under the project, BADC had established 9 (nine) Horticulture Development Centers (HDC), 9 (nine) Sales Centers and one Cold Storage for preservation of Vegetables and Fish. These facilities are still using under the Horticulture Development Project. After completion report submitted to the Ministry of Agriculture (MoA), the MoA instructed BADC to prepare and submit Project Proposal for next 3 years of the existing Horticulture Development Project. Accordingly, BADC prepared and submitted “Development Project Proposal (DPP)” with an amount of Tk. 279.103 million for 3 (three) years effective from July 2005 to June 2008. On the basis of final project proposal a meeting of pre-evaluation committee was held on 13-04-2006 in the Planning Commission. The DPP has been finally prepared keeping in conformity with the decision of the Project Evaluation Committee.

BADC has been implemented “Integrated Quality Horticulture Development Project (IQHDP)” Phase-II(1st Revised) for the period of July 2010 to June 2015. Fruits and vegetables are the sources of different vitamins and minerals. The people of Bangladesh consume less quantity of vegetables and fruits in their daily diet compared to minimum requirement. At present, Bangladesh is on the road map of self-sufficiency in food grain production particularly in cereals, but the production of vegetables and fruits are not yet achieved the target. Moreover, the production of spices crops have been decreasing sharply over the years and huge amount of foreign exchange are being spent for import of different spices and condiments. Government has given special emphasis and importance on accelerating production of fruits, vegetables and spices side by side with cereal crops. The farmers of newly selected project area are being provided with practical training and demonstration in the horticulture development centres and in the Project area. The farmers are being motivated and developed their skillness on production of horticultural crops. It will help to increase production of vegetables and fruits on commercial basis as well as increase their income generation opportunities.

1.2 Objectives of the project

- To produce improved quality of seeds, seedlings, grafts, gooties, saplings, cuttings of high yielding varieties of fruits, vegetables, flowers, orchids, ornamental and medicinal plants etc. in the demonstration farms of horticulture development centers and ensure distribution among the farmers as well as nearby city/town dwellers;
- To increase production of quality fruits, vegetables, spices at farm level and provide support services along with logistic facilities for marketing of these produces in local & export market with a view to increasing supply of horticultural products and to remove malnutrition as well as create employment opportunity for poor people including destitute women and generate income;
- To motivate project area farmers in newly selected area to increase cultivation of vegetables, fruits, flowers, spices of modern varieties of horticultural crops;
- To transfer modern and appropriate technology and promoting new varieties of horticulture evolved by research institutes and Agricultural Universities at farmer's level and selected project area for sustainable development;
- To provide training to the farmers of the project area, Nurserymen and NGOs on modern & appropriate technologies on horticultural crops with a view to developing technical expertise and skillness of farmers & others concerned; and
- To organize and setup demonstration plots/farms in the horticulture development centers and project area to demonstrate new varieties of horticulture crops along with modern technologies.

1.3 Location of the project

Division	District	Upazilla
Dhaka	Dhaka	Hazrat Shajalal International Airport, Dhaka
	Dhaka	Four urban sale centre in different places
	Mymensigh	Mymensigh Sadar, Muktagachha,
	Gazipur	Gazipur Sadar, Kashimpur
	Tangail	Tangail Sadar, Jalfai,
Chittagong	Chittagong	Chittagong Sadar. Potia.
	Comilla	Comilla Sadar, Syedpur.
Rajshahi	Rajshahi	Rajshahi Sadar, Poba.
	Bogra	Bogra Sadar, Naruli.
Khulna	Jessore	Jessore Sadar, Jhumjhumpur,
	Kushtia	Kushtia Sadar, Jugiapalpara.

1.4 Project period : July 2010 to June 2015.

1.5 Estimated cost of the project : Tk.3168.65 lac

1.6 Allocation of the project in FY 2014-15 : Tk.470.00 lac

1.7 Expenditure of the project in FY 2014-15 : Tk.469.63 lac

1.8 Physical progress of the project in FY 2014-15 : 100 %

Table 1.1 Location and area of horticulture development centers and project area

Name	District	Farm area (ha)	Project Area (ha)
Kashimpur HDC	Gazipur	18.66	16194
Patiya HDC	Chittagong	7.65	20243
Rajshahi HDC	Rajshahi	5.23	16377
Jessore HDC	Jessore	5.81	43320
Tangail HDC	Tangail	4.31	4053
Muktagachha HDC	Mymensingh	5.91	4049
Bogra HDC	Bogra	3.95	8097
Comilla HDC	Comilla	2.63	4858
Kushtia HDC	Kushtia	3.81	8097
Vegetable and Fish Cold storage	Dhaka	-	400
Urban Sales Centres	4 different places of Dhaka city	-	
Total:		57.94	125688

Table 1.2 Target and actual production of seeds during the FY 2014-15

Name of Seed	2014-15		Achieved in percentage
	Target	Actual	
Vegetables(Lac MT)	3.2	3.08	96
Coconut Seedlings(Lac)	2.80	2.05	73
Seedlings,Graft,Gooties(Lac)	312.50	445.48	143
Vegetables seed & others(MT)	12.00	18.75	150
Fruits(MT)	63850.00	63929.63	100

Table 1.3 Target and actual farmers training during the FY 2014-15

Name of training	2014-15		Achieved in percentage
	Target	Actual	
Farmers/Mali training (Nos)	4000	3920	100

2. TUBER CROPS DEVELOPMENT PROJECT

2.1 Introduction

Potato is the third most important food crop in the world after rice and wheat in terms of human consumption. More than a billion people worldwide eat potato, and global total potato crop production exceeds 300 million metric tons. Potato is a critical crop in terms of food security in the face of population growth and increased hunger rates. For example, China, the world's biggest consumer of potatoes, expects that 50% of the increased food production it will need to meet demand in the next 20 years will come from potatoes. The first modern "convenience food," potato is energy-rich, nutritious and easy to grow on small plots, cheap to purchase, and ready to cook without expensive processing. CIP's (in Peru) genebank maintains the largest collection of potato in the world, including more than 7,000 accessions of native, wild, and improved varieties.

In Bangladesh potato is considered to be most important food crop next to rice and wheat. Bangladesh achieved a remarkable success in potato production to take it to sixth rank in the world map. Potato has a great impact on our national economy and food security point of view. To feed the increasing population, potato can play an important role in Bangladesh. The per capita consumption of potato as vegetable is 40kg per head per annum (kg/h/a). It can help substantially to reduce pressure on cereals if the production is increased as well as food habit of the people could be changed and the diversified use of potato like industrial processing and export are explored. Higher yield is pre-requisite to minimize the cost of production of potato. The role of quality seed potato is pivotal to increase per unit yield. The national average per unit yield is around 15 MT/ha, which is very poor. The main reason of poor yield is using poor quality seed potato by the farmers. To overcome the yield gap and ensure availability of quality seed potato of improved varieties, BADC had initiated a breakthrough program by importing quality seed potato for the first time in Bangladesh in 1960s. A Project was undertaken by BADC namely "Potato Seed Production, Procurement, Preservation and Distribution" in 1969-70. To preserve seed potato, 5 Cold Storages were established by 1978 by BADC.

During the period of 1987-1995, BADC established 5 new cold storages under the "Crop Diversification Program (CDP)." During the period of Second Phase of the CDP in 1995-2000, three new cold storages were established by BADC, the capacity of each cold storages was 1,000 MT, the cold storages were installed at Domar, Sromongal and Sherpur. The capacity of cold storages of Chandpur and Kashimpur were increased from 500 to 750 MT of each by 2000. By 2000, the total capacities of 13 cold storages of BADC were 11,000 MT. During the period of 2004-2008, the Project namely "Potato Seed Project," 5 more cold storages were established and also increased the capacity of old 3 cold storages through BMRE (Balancing, Modernization, Rehabilitation and Expansion). Finally the total numbers of 22 cold storages were established by 2004-2014 period and capacity was increased to 29,700 MT.

At present, the area under potato cultivation, use of quality potato, production and yield per hectare have significantly increased. But there is scope to further improvement.

The role of BADC in supplying quality seed potato is limited to 3.76% to 4.20% against national requirement of quality seed potato (around 6 lakh metric tons of seed potato is required). Keeping in view to increase the supply volume of quality seed potato, BADC has been implementing the "Tuber Crops Development Project."

2.2 Objectives of the project

- To increase quality seed potato production, preservation and distribution throughout the country;
- To produce potato breeder seeds through tissue culture technique in order to reduce import dependency;
- To improve the quality of seed potato through training of contract growers, NGO's private seed producers, unemployed men and women; and
- To increase yield of potato by using quality seeds, which will ensure food security, improve income generation and alleviate poverty.

2.3 Location of the project

Division	District	Upazilla
Dhaka	Gazipur	Gazipur Sadar, Savar, Kaliakoir
	Jamalpur	Jamalpur Sadar, Sarisabari, Melandah
	Tangail	Tangail Sadar, Dhanbari, Modhupur
	Sherpur	Sherpur Sadar, Sribardi, Nokla
	Mymensingh	Mymensingh sadar, Muktagacha, Fulpur
	Kishoreganj	Kishoreganj Sadar, Pakundia, Hossainpur
	Faridpur	Faridpur Sadar, Boalmari
	Gopalganj	Gopalganj Sadar, Kashiani, Moksedpur
	Munshiganj	Munshiganj Sadar, Louhajang, Srinagar, Gojaria
Chittagong	Comilla	Daudkandi, Homna, Laksham
	Chandpur	Chandpur Sadar, Shahrasti, Hazigonj, Matlab
	Brahmanbaria	Brahmanbaria Sadar
Rajshahi	Rajshahi	Paba, Godagari, Puthia, Tanor, Durgapur
	Bogra	Sherpur, Shahjahanpur, Nandigram, Kahalu
	Sirajganj	Sirajganj Sadar, Ullapara, Raiganj, Shahjadpur
	Pabna	Pabna Sadar, Ishwardi, Sujanagar
Rangpur	Gaibandha	Gaibandha Sadar, Gobindaganj
	Nilphamari	Nilphamari Sadar, Sayedpur, Domar
	Lalmonirhat	Lalmonirhat Sadar
	Dinajpur	Dinajpur Sadar, Birganj, Birol
	Thakurgaon	Thakurgaon Sadar, Baliadangi
	Panchagarh	Panchagarh Sadar, Boda, Atwary, Deviganj, Tentulia
Khulna	Jessore	Jessore Sadar, Chowgachha, Jhikargacha
	Jhenaidah	Kaligonj
	Chuadanga	Chuadanga Sadar, Damurhuda, Jibon Nagar
	Meherpur	Meherpur Sadar, Mujibnagar, Gangni
	Kushtia	Kushtia Sadar, Khoksha, Kumarkhali, Mirpur, Bheramara
Sylhet	Moulavibazar	Srimangal, Kamalganj, Kulaura
	Habigonj	Habigonj Sadar, Madhabur

- 2.4 Project period (2nd revised) : July 2010 to June 2016
- 2.5 Estimated cost of the project : Tk. 27972.36 lac
- 2.6 Allocation of the project in FY 2014-15 : Tk. 6470.00 lac

- 2.7 Expenditure of the project in FY 2014-15) : Tk.6452.93 lac
 2.8 Physical progress of the project in FY 2014-15 : 100%

2.9 Contract grower's zones

BADC has 20 contract growers zones located at different agro-climatic conditions and agro-ecological zones of the country. BADC producing quality truthfully labeled seed through these sixteen contract growers zone under direct supervision, monitoring and quality control by efficient and experienced officials and staff of BADC. The list of contract growers zone command area under each contract growers zone, area under each contract growers zone, number of farmers under each command area and number of farmers involved in seed potato production in 2014-15 are shown in Table-4.1

Table 2.1 List of contract growers zones, command area, area under cultivation, number of farmers under command area and number of farmers involved in seed potato production in FY 2014-15.

Sl. No.	Name of contract growers zones	Command area (acre)	No. of growers in the area	Area cultivated in 2014-15 (acre)	No. of farmers involved
1	Kashimpur, Gazipur	491.64	245	175	78
2	Jamalpur	1034	1032	380	268
3	Sherpur	1835.91	1537	470	57
4	Kishoreganj	1450.22	1757	400	335
5	Srimongal	53.33	34	30	26
6	Homna, Comilla	221.65	357	100	27
7	Chandpur	912.90	1172	190	76
8	Faridpur	904	813	250	221
9	Jessore	977.06	964	281	62
10	Baradi, Meherpur	301.14	191	140	59
11	Kustia	148.42	153	60	44
12	Rajshahi	854.98	1024	255	289
13	Bogra	445.72	313	200	45
14	Rangpur	544.86	176	280	93
15	Nashipur, Dinajpur	534.12	318	200	107
16	Thakurgaon	821.59	558	280	91
17	Nokla ,Sherpur	300.82	118	200	26
18	Maloti, Dhanbari, Tangail	1063	1419	330	363
19	Gopalganj	58.93	34	25	14
20	Kurigram	148.31	75	60	9
	Total:	13102.6	12290	4306	2290

Table 2.2 Target and actual production of potato seed during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achieved in percentage
	Target	Actual	
Potato seed	24754.450	25178.543	101.71

Table 2.3 Target and actual farmers training during the FY 2014-15

Name of training	2014-15		Achieved in percentage
	Target	Actual	
Potato seed production technology and preservation	1530	1530	100

3. ENHANCING QUALITY SEED SUPPLY PROJECT

3.1 Introduction

The project is to attain sustainable food security and alleviate poverty through genetic improvement of crop production, processing, preservation and distribution of quality seeds; enhancement of crop productivity and improvement of the farm livelihoods in Bangladesh.

3.2 Objectives of the project

- To genetically improve the seeds of major crops;
- To increase production of nucleus, breeder and quality seeds of Rice, Wheat, Maize, Tuber crop, Pulses & Oil seed crops, Vegetable, Fruits, Spices, etc;
- To multiply and distribute Foundation, Certified and Truthfully Labeled Seeds (TLS);
- To build physical infrastructure and strengthen human resources development;
- To impart training and technical backup to the public and private entrepreneurs, extension service providers and farmers for quality seed production and utilization; and
- To strengthen on farm adaptive research at farmer's field level on improved varieties and technologies of different crops.

3.3 Location of the project

Division	District	Upazilla
Dhaka	Dhaka	Gabtol, Mirpur, Dhamrai
	Gazipur	Gazipur Sadar
	Narshingdi	Narsingdi Sadar
	Sherpur	Sherpur Sadar, Nakla, Nalitabari
	Tangail	Tangail Sadar, Madhupur
	Kishoreganj	Pakundia
	Faridpur	Faridpur Sadar
	Gopalganj	Gopalganj Sadar
Rajshahi	Rajshahi	Rajshahi sadar
	Pabna	Pabna sadar, Tebunia
	Bogra	Bogra sadar
Rangpur	Dinajpur	Dinajpur sadar
	Thakurgaon	Thakurgaon sadar
	Rangpur	Rangpur sadar
Khulna	Chuadanga	Chuadanga Sadar,
	Jhenaidah	Gokul Nagar, Karincha, Dattanagar, Moheshpur
	Meherpur	Amjupi, Meherpur sadar
	Jessore	Jessore sadar
	Satkhira	Satkhira sadar
Barisal	Barisal	Barisal sadar, Lakutia
Chittagong	Chittagong	Pahartali
	Comilla	Comilla sadar
Sylhet	Hobiganj	Itakhola, Madhabpur
Total :07	23	29

- 3.4 Project period : January 2011 to June 2016
- 3.5 Estimated cost of the project : Tk.23280.49 lac
(GoB: 5630.25, PA: 17650.24)
- 3.6 Allocation of the project in FY 2014-15 : Tk.7388.00 lac
(GoB:1643.00 , PA:5745.00)
- 3.7 Expenditure of the project in FY 2014-15 : Tk.7318.31 lac
(GoB:1617.31, PA:5701.00)
- 3.8 Physical progress of the project in FY 2014-15 100%

Table 3.1 Target and actual production of seed during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achieved in percentage
	Target	Actual	
Aman	1500	1500	100
Boro	1800	2500	139
Wheat	1825	2000	110
Hybrid Rice	300	400	133
Hybrid Maize	150	20	13
Potato	3400	4000	118
Oil seed	50	25	50
Pulse seed	50	25	50
Vegetable seed	17	0	0
Grand Total	9092	10470	115

Table 3.2 Target and actual farmers training during the FY 2014-15

Name of training	Unit			Achieved in percentage
		Target	Actual	
Training for officers and staff	Prs.	720	243	34
Training for Seed Dealer & Producers	Prs.	2000	2950	148
Workshop	No	1	1	100

4. ESTABLISHMENT OF SEED MULTIPLICATION FARM IN THE SOUTHERN COSTAL REGION (BARISAL & PATUAKHALI)

4.1 Introduction

Bangladesh is predominantly an agricultural country. Agriculture being the engine of growth of the economy, the country has no alternative but to develop agriculture sector for alleviation of poverty. Since provision of food security, improvement of the living standard and generation of employment opportunities of the huge population of the country are directly linked to the development of agriculture. There has been continued effort by the government for the overall development of this sector. To fulfill the food and nutritional demand of the growing population of the country, special emphasis has been given on building up a modern agricultural system based on appropriate technology. Keeping consistency with this, various reform measures have been taken which include ensuring the availability of agricultural inputs including fertilizers and quality seeds to the farmers. As part of the agricultural policy, the government has been steering a range of development projects/programmes in agriculture sector. The clear focus of the government is on the seed sector. While most of the improved seeds purchased by farmers are either produced by the private sector or imported, the Government intends to reinvest in increased public involvement in the production of basic seeds of food crops and develop partnership with seed growers for community based seed multiplication. BADC would perform this role; it currently provides 20% of the improved cereal seeds and needs to increase its capacity to produce basic seeds (from the research centres) and organize contracting with seed multipliers, seed cleaning, packaging and marketing. The Government has specific actions in mind including; developing a new seed farm on a well identified char in the south managed by BADC; and build BADC human capacities and develop the production of new varieties (stress resistant, hybrid seeds etc.) responding to new challenges”.

The Government of Bangladesh (especially, Ministry of Agriculture) is committed to support agricultural development efforts in the south. The development of the coastal region started with the implementation of the Coastal Embankment. Flood embankments were raised with an intention to save agricultural land from salt water flooding and thereby to intensify rice production. Salt intrusion, sedimentation of rivers, and population pressure are the urgent issues to be tackled in parts of the region (south, south-west) for increasing food security.

4.2 Objectives of the project

- To produce 11,500 mt. quality foundation seeds of rice, wheat, maize, potato, pulses and oils from breeder seeds;
- To procure breeder seeds of those crops from different research organizations.
- To produce and increase crop seeds resilient to climate change especially salinity, drought, submergence etc;
- To process, preserve and test seeds produced in the farms (11,500 mt);
- To increase crop production through supply of quality seed suitable to those areas to increase house hold food security; and
- Human resources development through imparting training to the 750 nos farmers/NGOs/private sectors etc.

4.3 Location of the project

Division	District	Upazilla
Barishal	Barishal	Barishal sadar
	Patuakhali	Dashmina

- 4.4 Project period (2nd Revised) : January 2012 to June 2017
- 4.5 Estimated cost of the project : Tk. 21240.65 lac
- 4.6 Allocation of the project in FY 2014-15 : Tk. 2250.00 lac
- 4.7 Expenditure of the project in FY 2014-15 : Tk. 2249.11 lac
- 4.8 Physical progress of the project in FY 2014-15 : 98%

Table 4.1 Target and actual production of seed during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achieved in percentage (%)
	Target	Actual	
Oil seed	2.00	1.47	73.50
Pulse seed	29.00	24.89	85.82
Aman	490.00	230.00	46.00
Boro	192.00	210.00	109.00
wheat	20.00	17.87	89.35
Potato	60.00	55.00	91.66
Other	2.30	1.91	83.00
Total	795.30	541.14	68.04

5. ESTABLISHMENT OF PULSE AND OIL SEED MULTIPLICATION FARM AND PROCESSING CENTER AT SUBARNACHAR UPAZILLA IN NOAKHALI DISTRICT

5.1 Introduction

Protein and fat are the essential nutrients for human body. The main sources of plant fat are oil seed crops. Oil seed crops are mainly mustard, sesame, groundnut, soybean, sunflower etc. Bangladesh has been highly deficient in edible oil production for last few decades. Although, according to the recommendation of WHO/FAO, 22g edible oil /person/day is required to fulfill the daily nutritional requirements, actual availability is much lower in Bangladesh (10gm/day/person). For providing balanced nutrition and reducing the import of edible oil, intensification of the production of this crop is essential to make the country self sufficient. Soybean is grown in plenty at Subarnachar upazila in Noakhali district. Acreage under soybean is increasing every year as farmers find the crop slightly saline tolerant. But, due to shortage of the dehumidified storage facility and lack of technical assistance the farmers cannot preserve soybean seed. In dehumidified storage facilities, seeds can be stored for a whole year maintaining low humidity (40-45%) and low temperature (18-22°C). Seed quality such as germination capacity, viability, vigor etc is ensured in dehumidified storage. Farmers will be able to get quality seeds in time if seeds are stored in dehumidified condition. So, establishment of a dehumidified storage is necessary at Subarnachar in Noakhali district under Pulse & Oil Seed Division of Bangladesh Agricultural Development Corporation (BADC). According to Department of Agricultural Extension (DAE), soybean was grown in approximately 7000 hectare area in 2010-11 at Subarnachar where, on an average, soybean is cultivated in 6000 ha of land. Usually, soybean is cultivated after the Aman harvest. BADC has only 87.50 acre land under Pulse and Oil seed multiplication farm for production of foundation seed. The quantum of land being inadequate to meet the demand for soybean seed, a new farm with much larger area is felt.

So, to supply quality seed, provide balanced nutrition and reduce the import of edible oil and pulses, initiative for establishment of a pulse and oil seed multiplication farm and seed processing centre at Subarnachar upazila in Noakhali district has been taken for implementation during the next five years (July 2013 to June 2018). The current food security is dependent upon commercial industrial agriculture which is environmentally destructive and detrimental to healthy ecosystem and putting small farmers out of business. Agro-ecology integrates scientific knowledge on environmentally sound farming practices with traditional knowledge. It conserves biodiversity while at the same time empowering small scale farmers to define their own system. By combining socio-economic and ecological consideration into the farming systems, an agro-ecological approach will be imposed to establish the proposed farm. Bangladesh is blessed with immense agro biodiversity of cereals, fiber crops, pulses, oil seeds, fruits and vegetables including other plants and animals. The genetic diversity is in danger due to widespread use of high yielding varieties; the situation is being very much aggravated day by day and locally adopted crops, land races and some species have become already extinct; other are at the door of extinction. As a result, we need to judiciously conserve and utilize the genetic resources well as biodiversity an attempt is undertaken in this project to conserve biodiversity.

5.2 Objectives of the project

- To ensure proper use of quality pulse and oil seeds at farmers level of Char area in Noakhali and Lakshmipur district for increasing the national production.
- To enrich the nutritional status of the poor people of the Char area through increasing the per acre yield.
- To create facilities for processing and preservation of pulse and oil seeds.
- To ensure biodiversity of the farm and surrounding area by following environment friendly practices.
- To develop the skill and knowledge of contract growers and farmers surrounding the farm on seed technology, gardening, food processing, agro-ecological farming, biodiversity, conservation and agribusiness through training and demonstration at farm and project area.

5.3 Location of the project

Division	District	Upazilla
Chittagong	Noakhali	Noakhali Sadar, Begumganj, Chatkhil, Companiganj, Hatiya Subarnachar, Sunaimuri, Kabirhat and Senbag.
	Laximpur	Laximpur Sadar, Ramgati, and Kamalnagar.

- 5.4 Project period : February 2014 to June 2018
- 5.5 Estimated cost of the project : Tk.(GoB 3204.56+Own208.50)=3413.06 lac
- 5.6 Allocation of the project in FY 2014-15 : Tk. 1120.00 lac
- 5.7 Expenditure of the project in FY 2014-15 : Tk. 1115.60 lac
- 5.8 Physical progress of the project in FY 2014-15 : 100%

Table 5.1 Target and achievement of the main components of the program during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Woden Durrage	No.	50	20	20	100
Tarpalulin	No.	50	20	20	100
Double cabin Pick-up	No.	1	1	1	100
Tractor	No.	2	2	2	100
Land development	Cum	6000	3600	3600	100
Approce road	Sqm.	3750	450	450	100
Power Tiller	No.	2	1	1	100
Land acquisition	acre	98.80	98.80	98.80	100
Rota vator	No.	2	2	2	100
Gunny Bag	No.	4571	3000	3000	100

Table 5.2 Target and actual production of seed during the FY 2014-15

Figure in MT

Name of Seed	2014-15		Achieved in percentage (%)
	Target	Actual	
Oil seed	50.00	50.00	100
Pulse seed	30.00	30.00	100
Total	80.00	80.00	100

CHAPTER-III

IRRIGATION SECTOR UNDER REVENUE PROGRAM:

In minor irrigation sector it was designed to expand scope and efficient use of surface water for increasing crop production by re-excavation of silted canals/ponds, construction of sub surface irrigation distribution channel (Burried pipe line), construction of hydraulic structure etc. Considering the above feature BADC has taken up the following programs throughout the country in 2014-15 fiscal years.

- 1 Minor irrigation development program in Bishwanath and Balagonj upazilla under Sylhet district
- 2 Betagi upazilla of Burguna district minor irrigation development program
- 3 Program for removing water logged land and irrigation development in Chaugacha-Jhikargacha upazilla of Jessore district
- 4 Program for enhancing production by utilizing surface and sub-surface water at Nobinogor (west) and Bancharampur upazilla and Brahmanbaria district
- 5 Chittagong district Sondap upazilla minor irrigation development program
- 6 Chittagong district Raujan upazilla minor irrigation development program
- 7 Chattagong district Hathazari upazilla minor irrigation development program
- 8 Narsingdi district minor irrigation development program
- 9 Narsingdi sadar upazilla minor irrigation development program
- 10 Comilla district Muradnagar upazilla minor irrigation development program
- 11 Bagharpara upazilla minor irrigation development program
- 12 Shrinagar and Sirajdikhan upazilla of Munshigong district minor irrigation development program
- 13 Irrigation expansion, water management & minor irrigation development program for Mithapukur & Pirgonj upazila of Rangpur district
- 14 Arihajar upazilla of Narayangong district minor irrigation development program
- 15 Comilla district Laksham-Monohorgong upazilla minor irrigation development programe
- 16 Mymensingh district sadar, Trisal & Gouripur upazila agricultural & minor irrigation development program
- 17 Barishal district Wazipur- Banaripara upazilla minor irrigation development program
- 18 Program for enhancing production by utilizing surface water at nabinagar (east) upazilla minor irrigation development program under Brahmanbaria district
- 19 Minor irrigation development program for Gangachara upazila of Rangpur district
- 20 Nilphamari district minor irrigation development program
- 21 Bogra districts chor area minor irrigation development program
- 22 Bogra districts Sariakandi, Sonatola & Dhunot upazilla minor irrigation development program
- 23 Barishal district Babugong – Muladi upazilla minor irrigation development program
- 24 Kishoregong district haor area minor irrigation development program
- 25 Program for mitigation of water logging and minor irrigation development in Noakhali district
- 26 Baghaichari Upazilla of Rangamati District Minor Irrigation development program
- 27 Sribordi and Jhenaigati Upazilla of Sherpur District Minor Irrigation development program
- 28 Purbadhala, Madan, Mohanganj and Khaliajuri upazilla of Netrokona District Minor Irrigation Development Program

1. MINOR IRRIGATION DEVELOPMENT PROGRAM IN BISHWANATH AND BALAGONJ UPAZILLA UNDER SYLHET DISTRICT

a. Objectives of the program

- Production of additional 2500 MT food grain by increasing irrigated area through surface water using by appropriate technology and developing irrigation infrastructure; and
- Development of irrigation facilities for additional 400 hectare land by providing 5 nos electric and 9 nos diesel LLP set.

b. Location of the program

Division	District	Upazila
Sylhet	Sylhet	Bishwanth and Balagonj

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.333.13 lac
- e. Allocation of the program in FY 2014-15 : Tk.179.55 lac
- f. Expenditure of the program in FY 2014-15 : Tk.179.35 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	10	5	5	100
Surface irrigation channel (2 Cusec)	Km	1.5	1.5	1.5	100
Surface irrigation channel (5 Cusec)	Km	1.5	1.5	1.5	100
Electrification of irrigation equipment	No	5	5	5	100

2. BETAGI UPAZILLA OF BURGUNA DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce 750 MT additional food grains extension of 300 hectare irrigation area ensure to use of surface water by installing diesel operated 2 cusec 5 nos LLP and 1 cusec 5 nos LLP sets;
- To create opportunity of tidal water admits in 2.00 km excavated khal; and
- To reserve irrigation water in dry season creating irrigation infrastructure.

b. Location of the program

Division	District	Upazila
Barishal	Burgana	Betagi

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk. 363.61 lac
- e. Allocation of the program in FY 2014-15 : Tk. 175.61 lac
- f. Expenditure of the program in FY 2014-15 : Tk. 172.69 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Construction of cattle crossing	No	48	23	23	100
2-cusec LLP	No	5	5	5	100
1-cusec LLP	No	5	5	5	100
Buried pipe	Km	3	3	3	100

3. PROGRAM FOR REMOVING WATER LOGGED LAND AND IRRIGATION DEVELOPMENT IN CHAUGACHA-JHIKARGACHA UPAZILLA OF JESSORE DISTRICT

a. Objectives of the program

- To reclaim of cultivable land and increase crop production by re-excavation of khal; and
- To utilize of conserve water for irrigation by using LLP.

b. Location of the program

Division	District	Upazila
Khulna	Jessore	Chowgacha and Jhikargacha

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.405.86 lac
- e. Allocation of the program in FY 2014-15 : Tk.156.05 lac
- f. Expenditure of the program in FY 2014-15 : Tk.150.95 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	12	12	12	100
Surface irrigation channel (2-cusec)	Nos.	10	2	2	100
Construction of Culvert/ Cattle Crossing/ Foot bridge	Nos.	14	9	6	100
Electrification of Irrigation equipment	Nos.	10	2	2	100

4. PROGRAM FOR ENHANCING PRODUCTION BY UTILIZING SURFACE AND SUB-SURFACE WATER AT NOBINOGOR (WEST) UPAZILLA IN BRAHAMANBARIA DISTRICT

a. Objectives of the program

- To provide irrigation facilities 650 hectare of land by utilizing 5 nos. force mode Tube well and 15 nos. LLP; and
- To ensure use of surface water by expanding irrigation area in order to produce 1200 MT additional food grain by applying sustainable technology and development of irrigation infrastructure in Haor and Bill sourended area.

b. Location of the program

Division	District	Upazila
Chittagong	Brahmanbaria	Nabinagar(West)

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.390.0 lac
- e. Allocation of the program in FY 2014-15 : Tk.180.46 lac
- f. Expenditure of the program in FY 2014-15 : Tk.169.40 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	11	2	2	100
Cattle crossing	Nos.	15	10	10	100
Culvert	Nos.	1	1	1	100
Irrigation channel (LLP scheme 2-cusec)	Km.	3	3	3	100
Buried pipe line (2-cusec, force mode)	Km.	3	3	3	100
2 cusec force mode DTW /Sinking and comminising with pump hose	Nos	5	5	5	100

5. CHATTAGONG DISTRICT SONDIP UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce additional 2500 MT food grains by extending irrigation area through ensuring use of surface water by dint of developing irrigation structure and logistic technology; and
- To irrigate 500 hectare of land by utilizing 10 nos.of LLP sets.

b. Location of the program

Division	District	Upazila
Chittagong	Chittagong	Sondip

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.405.4 lac
- e. Allocation of the program in FY 2014-15 : Tk.198.85 lac
- f. Expenditure of the program in FY 2014-15 : Tk.191.62 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	10	10	100
Pipe Culvert	Nos.	8	8	8	100
Box Culvert	Nos.	1	1	1	100
Re-excavation of pond	CUM	30000	10000	10000	100
Water control structure (2/3 vent)	Nos.	1	1	1	100
Foot bridge	Nos.	13	5	5	100

6. CHATTAGONG DISTRICT RAUJAN UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce additional 2500 MT food grains by extending irrigation area through ensuring use of surface water by dint of developing irrigation structure and logistic technology; and
- To irrigate 500 hectare of land by utilizing 10 nos.of LLP sets.

b. Location of the program

Division	District	Upazila
Chittagong	Chittagong	Raujan

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.381.4 lac
- e. Allocation of the program in FY 2014-15 : Tk.197.35 lac
- f. Expenditure of the program in FY 2014-15 : Tk.189.30 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	10	10	100
Surface irrigation channel (2-cusec LLP)	Km	1.2	1.2	1.2	100
Box culvert	Nos.	2	2	2	100
Water control structure	Nos.	1	1	1	100
Pipe culvert	Nos.	10	10	10	100

7. CHITTAGONG DISTRICT HATHAZARI UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce additional 2500 MT food grains by extending irrigation area through ensuring use of surface water by dint of developing irrigation structure and logistic technology; and
- To irrigate 300 hectare of land by utilizing 9 nos.of LLP sets.

b. Location of the program

Division	District	Upazila
Chittagong	Chittagong	Hathazari

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.386.88 lac
- e. Allocation of the program in FY 2014-15 : Tk.197.35 lac
- f. Expenditure of the program in FY 2014-15 : Tk.190.94 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of Khal	Km	20	10	10	100
Construction of Box culvert	Nos.	3	2	2	100
Pipe culvert	Nos.	10	10	10	100
Water control structure	Nos.	1	1	1	100
Surface irrigation channel (2-cusec LLP)	Km.	1.2	1.2	1.2	100

8. NARSINGDI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To re-excavate of 13 km khal and expansion of irrigation area to 1450 hectare additional land; and
- To produce 3000 MT food grains by using 20 LLP sets.

b. Location of the program

Division	District	Upazila
Dhaka	Narsingdi	Polash, Belabo, Raipura, Shibpur and Monohordi.

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.387.04 lac
- e. Allocation of the program in FY 2014-15 : Tk.188.35 lac
- f. Expenditure of the program in FY 2014-15 : Tk.187.67 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of Khal	Km.	13	7	7	100
Construction of RCC outlet	Nos.	89	41	41	100
Surface irrigation channel (2-cusec LLP)	Km.	6	6	6	100
Cattle crossing	Nos.	24	4	4	100
Box culvert	Nos.	4	2	2	100

9. NARSINGDI SADAR UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

- To increase irrigation and drainage facilities by re -excavation of canal; and
- To prevent tidal water by construction of 13 km earthen embankment and production of 8000 MT additional food grain.

b. Location of the program

Division	District	Upazila
Dhaka	Narsingdi	Narsingdi sadar

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.467.20 lac
- e. Allocation of the program in FY 2014-15 : Tk.167.35 lac
- f. Expenditure of the program in FY 2014-15 : Tk.166.85 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of Khal	Km.	6	6	6	100
Construction of RCC outlet	Nos.	41	41	41	100
Box culvert	Nos.	5	5	5	100
Foot bridge	Nos	11	11	11	100

10. COMILLA DISTRICT MURADNAGAR UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation area to grow 1200 MT of additional food grain through optimum utilization of surface water by developing of irrigation infrastructure and applying modern and sustainable technology; and
- Irrigation facilities would be done in 400 hectare land by fielding 7 no of electric LLP.

b. Location of the program

Division	District	Upazila
Chittagong	Comilla	Muradnagar upazilla

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.379.37 lac
- e. Allocation of the program in FY 2014-15 : Tk.182.45 lac
- f. Expenditure of the program in FY 2014-15 : Tk.178.81 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of khal	Km	19	4	4	100
Irrigation channel (2-cusec LLP scheme)	Km	4.2	4.2	4.2	100
Construction of electric line	Nos.	6	6	6	100
Construction of 2/3 water control structure	Nos.	2	2	2	100
Cattle crossing	Nos.	12	8	8	100

11. BAGHARPARA UPAZILLA JESSORE DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To expand irrigation area and increase of crop production by conserving water through re-excavation of canal; and
- To utilize of conserve water for irrigation by using LLP.

b. Location of the program

Division	District	Upazila
Khulna	Jessore	Bagharpara

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.406.05 lac
- e. Allocation of the program in FY 2014-15 : Tk.159.55.lac
- f. Expenditure of the program in FY 2014-15 : Tk.157.60 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of khal	Km	13.30	13.30	13.30	100
Irrigation channel (2-cusec LLP scheme)	Km.	10	2	2	100
Box culvert	Nos.	3	3	3	100
Electrification of Irrigation equipment	Nos.	10	2	2	100
Training (30 person per batch)	Batch	450	150	150	100

12. SHRINAGAR AND SIRAJDIKHAN UPAZILLA MUNSHIGONG DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To ensure use of surface water by applying sustainable technology and development of irrigation infrastructure;
- To produce additional 3200 MT food grain by expansion of irrigation area; and
- To create employment opportunity of women and alleviate regional discrimination.

b. Location of the program

Division	District	Upazila
Dhaka	Munshigang	Shrinagar and shrijdikhan

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.347.75 lac
- e. Allocation of the program in FY 2014-15 : Tk.173.65 lac
- f. Expenditure of the program in FY 2014-15 : Tk.166.87 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of Khal	Km	33	15	15	100
Box culvert	Nos.	2	2	2	100
Cattle crossing	Nos.	6	2	2	100
Pipe culvert	Nos.	3	3	3	100

13. IRRIGATION EXPANSION, WATER MANAGEMENT & MINOR IRRIGATION DEVELOPMENT PROGRAM FOR MITHAPUKUR & PIRGONJ UPAZILA OF RANGPUR DISTRICT

a. Objectives of the program

- To irrigate 430 ha lands through re-excavation of 6 Km khal, by sinking & installation 08 nos. 2-cusec FMT & by rehabilitation of 08 nos DTW, by construction of 16 nos. buried pipe line & to optimum utilization of irrigation water through 300 nos. Farmers Training; and
- To produce 2590 MT more food grain through optimum utilization of irrigation water by developing irrigation infrastructure and applying appropriate technology.

b. Location of the program

Division	District	Upazila
Rangpur	Rangpur	Mithapukur & Pirgonj

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.454.74 lac
- e. Allocation of the program in FY 2014-15 : Tk.224.17 lac
- f. Expenditure of the program in FY 2014-15 : Tk.223.56 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	6	6	6	100
Buried pipe line	Km	9.6	6	6	100
Construction of pump house	Nos.	16	8	8	100
Box culvert	Nos.	3	1	1	100
Electric line	Nos.	16	16	16	100

14. ARIHAJAR UPAZILLA OF NARAYANGONG DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To ensure use of surface water by applying sustainable technology and development of irrigation infrastructure; and
- To produce additional 2000 MT food grain by extension of irrigation area.

b. Location of the program

Division	District	Upazila
Dhaka	Narangong	Arihajar

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.172.68 lac
- e. Allocation of the program in FY 2014-15 : Tk.43.28 lac
- f. Expenditure of the program in FY 2014-15 : Tk.42.83 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Box culvert	Nos.	2	2	2	100
Foot bridge	Nos.	6	2	2	100

15. COMILLA DISTRICT LAKSHAM-MONOHORGONG UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAMME

a. Objectives of the program

- Expansion of irrigation land to produce 1125 Metric tons of additional food grain through optimum utilization of surface water by developing of irrigation infrastructure and applying modern and sustainable technology; and
- Irrigation facilities would be done in 270 hectare land by fielding 10 nos Electric L.L.P sets.

b. Location of the program

Division	District	Upazila
Chittagong	Comilla	Laksham-Monohorgong

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.405.90 lac
- e. Allocation of the program in FY 2014-15 : Tk.220.85 lac
- f. Expenditure of the program in FY 2014-15 : Tk.218.68 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	8	8	8	100
Irrigation channel	Km	1.8	1.8	1.8	100
Buried pipe line	Km	3	3	3	100
Cattle crossing	Nos.	21	4	4	100
Instaliation 2-cusec force mode tubewell	Nos.	5	5	5	100
Electric line	Nos.	8	8	8	100

16. MYMENSINGH DISTRICT SADAR, TRISAL & GOURIPUR UPAZILA AGRICULTURAL & MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility of 168 hectare land using 7 set FMTW;
- To increase irrigation facility of 60 hectare land through preserving water by Re-excavating of 03 Km khal;
- To produce additional 1368 metric tons food grain using surface water applying irrigation structure development and modern irrigation techniques; and
- To develop socio-Economic condition of people within project area by different training.

b. Location of the program

Division	District	Upazila
Dhaka	Mymensingh	Sadar, Trishal & Gouripur

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.218.54 lac
- e. Allocation of the program in FY 2014-15 : Tk.53.01 lac
- f. Expenditure of the program in FY 2014-15 : Tk.52.91 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Installation of 1-cusec Force Mode Tubewell	Nos.	4	2	2	100
Construction of buried pipe line (2 cusec)	Km	2	0.60	0.60	100
Construction of buried pipe line (1-cusec)	Nos.	2.1	1.5	1.5	100
Electric line	Nos.	7	2	2	100
Pipe culvert	Nos.	13	2	2	100

17. BARISHAL DISTRICT WAZIPUR- BANARIPARA UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility of 1700 hectare land by using 40 No. of diesel engine;
- To grow additional 5000 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology; and
- To reduce poverty and facilitating self employment of unemployed youth of programme area.

b. Location of the program

Division	District	Upazila
Barishal	Barishal	Wazirpur and Banipara

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.500.00 lac
- e. Allocation of the program in FY 2014-15 : Tk.160.00 lac
- f. Expenditure of the program in FY 2014-15 : Tk.151.43 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Excavation of khal	Km	20.40	13	13	100
Box culvert	Nos.	4	4	4	100
Construction of Foot over bridge	Nos.	29	3	3	100

18. PROGRAM FOR ENHANCING PRODUCTION BY UTILIZING SURFACE WATER AT NABINAGAR (EAST) UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER BRAHMANBARIA DISTRICT

a. Objectives of the program

- To apply irrigation facilities to 250 hectares of land by utilization of 3 nos. force mode tube well and 13 nos. low lift pump set; and
- To expand irrigation facilities by using surface water for the production of 1200 metric tons additional food grain through development of irrigation infrastructure and application of modern technology in the hooor area.

b. Location of the program

Division	District	Upazila
Chittagong	Brahmanbaria	Nabinagar (East)

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.384.46 lac
- e. Allocation of the program in FY 2014-15 : Tk.206.20 lac
- f. Expenditure of the program in FY 2014-15 : Tk.195.29 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	19.50	10	10	100
Buried pipe line (2 cusec FMT)	Km.	1.8	1.8	1.8	100
Irrigation Channel (2 cusec LLP)	Km.	3	3	3	100
Electrification of deep tubewell	No.	3	3	3	100
2 Cusec force mode DTW Sinking Commisioning with pump house	Nos.	3	3	3	100

19. MINOR IRRIGATION DEVELOPMENT PROGRAM FOR GANGACHARA UPAZILA OF RANGPUR DISTRICT

a. Objectives of the program

- To irrigate 1190 ha lands through re-excavation of 11 Km khal, by sinking & installation 9 nos. 1-cusec suction mode tube well & construction of 09 buried pipe line; and
- To produce 2000 MT additional food grain through optimum utilization of irrigation water by developing irrigation infrastructure and applying appropriate technology.

b. Location of the program

Division	District	Upazila
Rangpur	Rangpur	Gangachara

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.303.0 lac
- e. Allocation of the program in FY 2014-15 : Tk.110.12 lac
- f. Expenditure of the program in FY 2014-15 : Tk.110.11 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Buried pipe line	Km.	5.4	5.4	5.4	100
Box Culvert	Nos.	2	1	1	100
Electrification of SMT	Nos.	9	8	8	100
Culvert (Small)	Nos.	3	2	2	100

20. NILPHAMARI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To irrigate 900 ha land through re-excavation of 20 Km khal to optimum utilization of irrigation water through 150 farmers training; and
- To produce 1000 MT more food grain through optimum utilization of irrigation water by developing irrigation infrastructure and applying appropriate technology.

b. Location of the program

Division	District	Upazila
Rangpur	Nilphamari	Nilphamari Sadar, Saidpur, Jaldhaka, Kishoreganj, Domar, Dimla.

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.218.60 lac
- e. Allocation of the program in FY 2014-15 : Tk.85.87 lac
- f. Expenditure of the program in FY 2014-15 : Tk.85.50 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	8	8	100
Box Culvert / Regulator / cross dam	Nos.	6	3	3	100

21. BOGRA DISTRICTS CHOR AREA MINOR IRRIGATION DEVELOPMENT PROGRA

a. Objectives of the program

- To increase irrigation area of 1050 ha land especially less developed areas and improve on-farm water management as well as water productivity;
- To emphasize conjunctive use of surface and ground water for irrigation;
- To re-excavate derelict canals, ponds for rain water harvest; and
- To manage ground and surface water and data collection, analysis and distribution to concerned agencies.

b. Location of the program

Division	District	Upazila
Rajshahi	Bogra	Sariakandi, Sonatola, Dhunot & Shepur

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.372.63 lac
- e. Allocation of the program in FY 2014-15 : Tk.267.85 lac
- f. Expenditure of the program in FY 2014-15 : Tk.267.67 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Buried pipe line	Km	9.6	9.6	9.6	100
Cattle crossing/ Pipe culvert	Nos.	7	1	1	100
Box Culvert/ Foot Bridge/ Regulator	Nos.	3	1	1	100
Construction of electric line	Nos.	16	16	16	100

22. BOGRA DISTRICTS SARIAKANDI, SONATOLA & DHUNOT UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation areas of 1200 ha land especially to less developed areas and produce 3000 MT additional food grain;
- To improve on-farm water management as well as water productivity;
- To emphasize conjunctive use of surface and ground water for irrigation;
- To re-excavate 2 km derelict canals, ponds for rain water harvest; and
- To manage ground and surface water and data collection, analysis and distribution to concerned agencies.

b. Location of the program

Division	District	Upazila
Rajshahi	Bogra	Sariakandi, Sonatola, Dhunot, Shibgong, Gabtoli & Nandihram

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.461.44 lac
- e. Allocation of the program in FY 2014-15 : Tk.240.75 lac
- f. Expenditure of the program in FY 2014-15 : Tk.240.06 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Construction of buried pipe line	Km	12	6	6	100
Cattle crossing/ Pipe Culvert	No.	9	7	7	100
Construction of electric line	No.	20	20	20	100
Construction of Pump shed	No.	14	5	5	100

23. BARISHAL DISTRICT BABUGONG – MULADI UPAZILLA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facilities 1000 hectare of land;
- To produce more 2500 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology; and
- To reduce poverty and facilitating self employment of unemployed youth of program area.

b. Location of the program

Division	District	Upazila
Barishal	Barishal	Babugong and Muladi

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.244.85 lac
- e. Allocation of the program in FY 2014-15 : Tk.154.85 lac
- f. Expenditure of the program in FY 2014-15 : Tk.146.62 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Construction of earthen dam	Km	8.6	5	5	100
Box culvert	No.	2	2	2	100
Foot over bridge	No.	9	9	9	100

24. KISHOREGONG DISTRICT HAOR AREA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To facilitate irrigation in 400 hectare of land using 14 nos. of diesel operated low lift pump;
- To irrigate 500 ha of land making reservoir by re-excavation 10 km of khal;
- To increase cropping intensity though the construction of 14 nos buried pipe line in crop field; and
- To produce 2725 MT additional crops expanding irrigated area and utilization of surface water through construction of irrigation structure and applying sustainable technology.

b. Location of the program

Division	District	Upazila
Dhaka	Kishoregonj	Itna and Austogram

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.453.95 lac
- e. Allocation of the program in FY 2014-15 : Tk.265.95 lac
- f. Expenditure of the program in FY 2014-15 : Tk.265.18 lac
- g. Physical progress of the program in FY 2014-15 : 100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	10	6	6	100
Buried pipe line (5-cusec LLP)	Km	2.4	2.4	2.4	100
Buried pipe line (2-cusec LLP)	Km	6	6	6	100
Regulator /Submersible Weir	No.	3	1	1	100
2/3 vent water control structure	No.	1	1	1	100
Box culvert	No.	7	2	2	100

25. PROGRAM FOR MITIGATION OF WATER LOGGING AND MINOR IRRIGATION DEVELOPMENT IN NOAKHALI DISTRICT

a. Objectives of the program

- To produce 2250 MT foods crops through increasing irrigated area of 750 hectare of land by using surface water through development of irrigation infrastructure and using modern technology; and
- To provide irrigation facilities to 500 hectares agricultural land through sinking and commissioning 25 no. suction mode tube well.

b. Location of the program

Division	District	Upazila
Noakhali	Noakhali	Chatkhil, Sonarimori, Senbag and Bagamgong

c.	Program period	:	July 2012 to June 2015
d.	Estimated cost of the program	:	Tk.342.60 lac
e.	Allocation of the program in FY 2014-15	:	Tk.158.60 lac
f.	Expenditure of the program in FY 2014-15	:	Tk.157.28 lac
g.	Physical progress of the program in FY 2014-15	:	100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	15	15	15	100
Cattle crossing	No.	10	5	5	100
Foot bridge/ Culvert	No.	2	2	2	100

26. BAGHAICHARI UPAZILLA OF RANGAMATI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation area ensuring the optimum use of surface water through the application of developing agricultural irrigation infrastructure and sustainable technology which will produce extra 1125 MT crop per year.
- To provide irrigation facilities in 270 hectare land using the 30 diesel operated irrigation machines of the organization.

b. Location of the program

Division	District	Upazila
Chittagong	Rangamati	Baghaichari

c.	Program period	:	July 2014 to June 2017
d.	Estimated cost of the program	:	Tk.800.00 lac
e.	Allocation of the program in FY 2014-15	:	Tk.100.00 lac
f.	Expenditure of the program in FY 2014-15	:	Tk.99.375 lac
g.	Physical progress of the program in FY 2014-15	:	100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	32	3.25	3.25	100
Cattle crossing	No.	10	1	1	100
Box culvert	No.	4	1	1	100
Buried pipe line	Km.	12	2	2	100

**27. SRIBORDI AND JHENAIGATI UPAZILLA OF SHERPUR
DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM**

a. Objectives of the program

- To provide irrigation facilities in 800 hectare land installaing 20 no. of 2-cusec electricity operated force mode Tube well.
- To produce additional 4000 MT food grain with irrigation area development by using under ground water and sustainable technology

b. Location of the program

Division	District	Upazila
Dhaka	Sheerpur	Shribordi and Jhenaigati

c.	Program period	:	July 2014 to June 2017
d.	Estimated cost of the program	:	Tk.800.00 lac
e.	Allocation of the program in FY 2014-15	:	Tk.100.00 lac
f.	Expenditure of the program in FY 2014-15	:	Tk.99.95 lac
g.	Physical progress of the program in FY 2014-15	:	100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Installation of Deep Tubewell	No.	20	0	0	0
Cattle crossing	No.	50	10	10	100
Construction of electric line	Nos	20	6	6	100
2 Cusec force mode DTW Sinking Commisioning with pump house	Nos.	20	6	6	100

28. PURBADHALA, MADAN, MOHANGANJ AND KHALIAJURI UPAZILLA OF NETROKONA DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Construction of road including 1.00 km submerged embankment to save the 800 hectare boro crop producing haor land from the clutches of early flood and develop the communication system in the dry season in the 5 villages of Mendipur union under Khaliajuri upazila of Netrokona district.
- Continuing agricultural production by saving 500 hectare agricultural land through the construction of embankment which will conserve 600 meter river bank.

b. Location of the program

Division	District	Upazila
Dhaka	Netrokona	Purbadhala, Madan, Mohanganj and Khaliajuri

c.	Program period	:	July 2014 to June 2017
d.	Estimated cost of the program	:	Tk.800.00 lac
e.	Allocation of the program in FY 2014-15	:	Tk.20.00 lac
f.	Expenditure of the program in FY 2014-15	:	Tk.19.986 lac
g.	Physical progress of the program in FY 2014-15	:	100%

h. Target and achievement of the main component of the program during the FY 2014-15

Item	Unit	PPNB Target	2014-15		Achieved in percentage
			Target	Actual	
Construction of embankment	Meter	600			
Construction of submerged earthen dam	Meter	1000			

CHAPTER-IV

IRRIGATION SECTOR UNDER ADP

Bangladesh Agricultural Development Corporation is playing vital role in minor irrigation development activities since its establishment by a government ordinance in 1961. The extension of minor irrigation is a major component of the Government's Strategy towards increased food production and food security. Upto 1990, Minor irrigation activities were limited to supply, installation, commissioning and operation of LLPs, STWs, DTWs, Hand TWs, Floating pumps and other traditional systems under rental and sale program along with technical assistance to the farmers. But later on above minor irrigation activities faced some problems, such as declination of the static water level beyond suction limit during March-April due to unplanned withdrawal of ground water in some areas (in private sector), rising of sea water level due to global warming, saline water intrusion and siltation of river bed for which both under ground and surface of fresh water become scarce. Besides as a consequence of stoppage of transboundary surface water flow and lack of adequate precipitation, surface water flow reduces during dry season to a limit which hampers minor irrigation activities. To overcome above constraints of minor irrigation developments, government has already taken up decisions regarding increase of surface water use along with use of ground water to a limited extent to same areas where surface water is not available. For efficient and appropriate use of surface water BADC meanwhile has under taken projects and programs like excavation and re-excavation of khals, construction of water control structures, construction of Rubber Dam, construction of buried pipe, farmers training and other related works. Besides minor irrigation wing of BADC provide technical service to other wings of BADC engaged in production, processing and storage of seeds by constructing seed godown, fertilizer godown and cold storage.

Following projects on minor irrigation activities are ongoing throughout the country for the 2014-15 fiscal year:

1. Construction of Rubber dams in small and medium rivers for increasing of food production Project
2. Mujibnagar Integrated Agricultural Development Project (MIADP)
3. Integrated Agricultural Productivity Project (IAPP)
4. Integrated Agricultural Development Project in Pirojpur-Gopalganj-Bagerhat (IADPPGB)
5. Project of Activating Inoperable Deep Tube well of BADC for Irrigation. (AIDP)
6. Greater Dhaka District Irrigation Area Development Project (2nd Phase)
7. Pabna-Natore-Sirajganj Minor Irrigation Development Project (3rd phase)
8. Greater Faridpur Irrigation Area Development Project.(GFIADP)
9. Survey and Monitoring Project for Development of Minor Irrigation (3rd Phase)
10. Eastern Integrated Irrigation Area Development Project. (EIIADP 2nd Phase)
11. Modern Minor Irrigation Expansion Project in Greater Rangpur District
12. Sylhet Division Minor Irrigation Development Project.(SDMIAP)
13. Surface Water Irrigation Rehabilitation in the Southern Delta Region (Barisal district) of Bangladesh

1. CONSTRUCTION OF RUBBER DAM IN SMALL AND MEDIUM RIVERS FOR INCREASING FOOD PRODUCTION PROJECT

a. Objectives of the project

- To increase the production of Boro & Rabi crops by irrigation and also supplementary irrigation for T: Aman using surface water conserved by rubber dams in small & medium rivers after post monsoon period;
- To expand the irrigation land by ensuring the maximum utilization of water by participatory water management and to impart the modern agricultural technology to the farmers;
- To strengthen the operation & maintenance program by forming water management cooperative association (WMCA) from the beneficiaries groups; and
- To alleviate poverty through employment generation of the poor people & socio economic development.

b. Location of the project

Division	District	Upazila
Dhaka	Mymensingh	Haluaghat
Sylhet	Sunamganj	Chatok, Bishmvarpur

- c. Project period : July 2009 to June 2016
- d. Estimated cost of the project : Tk.5731.90 lac
- e. Allocation of the project in FY 2014-15 : Tk.1500.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk.1498.54 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Construction of dam structure	Sqm	23470	15380	15380	100

2. MUJIBNAGAR INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT

a. Objectives of the project

- To produce additional food grain in the project area through optimum utilization of resources by applying modern and local appropriate agricultural technology;
- To bring additional 24675 hectares of cultivable land under irrigation after completion of the project through excavation/re-excavation of 250 km khal, optimum utilization of 425 Nos. various capacity low lift pumps, 130 nos. of force mode tube wells and construction of surface and sub- surface buried pipe irrigation channel including other necessary hydraulic structure by which 61687 MT ton additional food grain will be produced;
- To establish 10 acres Agro Service Centre for 5 lakh of sapling production and distribution, 600 MT capacity dehumidified store for 3000 MT pulse and oil seed production, processing, preservation and distribution;
- To disseminate potential technologies for increasing agricultural production in order to ensure food security;
- To increase efficiency and effectiveness of Agricultural Extension system providing institutional support and mobility facilities for extension;
- To develop high yielding insect and disease resistant varieties of vegetables potato fruits, pluses, oil seeds and maize suitable for Mujibnagar areas;
- Generation and validation of site specific cropping patterns and component technologies; and
- To increase income of the farmers of the project area by providing fair prices to the farmers through linking farms to markets and extension of marketing services.

b. Location of the project

Division	District	Upazila
Khulna	Kushtia	Kushtia Sadar, Kumarkhali, Khoksa, Bheramara, Mirpur, Daulatpur
	Chuadanga	Chuadanga sadar, Alamdanga, Damurhuda, Jibannagar
	Meherpur	Meherpur sadar, Gangni, Mujibnagar
	Jhenaidah	Jhenaidah Sadar, Sailkupa, Harinakunda, Kaliganj, Kotchandpur, Mohespur

- c. Project period : July 2011 to June 2016
- d. Estimated cost of the project : Tk. 14930.78 lac
- e. Allocation of the project in FY 2014-15 : Tk. 2184.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk. 2183.85 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	km	250	79	79	100
Construction of buried pipe line	km	216	22	22	100
Construction of hydraulic structure	No	120	23	23	100
Installation of DTW	No	130	23	23	100
Construction of electric line	No	175	38	38	100

3. INTEGRATED AGRICULTURAL PRODUCTIVITY PROJECT

a. Objectives of the project:

Water Management:

- To increase irrigation efficiency;
- To disseminate modern irrigation technology to the farmers;
- To improve irrigation water distribution system;
- To rehabilitate water bodies/ponds/khals for rain water harvesting;
- Rain water harvesting in storage tank for households consumption, homestead gardening and livestock consumption;
- To extend supplemental irrigation in T-aman and
- To expand irrigated area and reduce irrigation cost.

Seed:

- To produce quality seed from breeder seed and supply it to farmers through DAE;
- To ensure quality of seed distribution;
- To ensure timely sowing, the processed seeds will be transferred to the seed distribution center;
- To help the farmers of the area to developed modern techniques by imparting partial training on mechanization of cultivation and modern agricultural technology;
- To generate women employment for cleaning, winnowing, grading, tagging, and processing of seed potato and other seeds; and
- To facilitate the community/group based farmers for short term preservation of seeds.

b. Location of the project

Division	District	Upazila
Rangpur	Lalmonirhat	Aditmari, Hatibandha, Kaliganj, Lalmonirhat Sadar, Patgram.
	Kurigram	Bhurungamari, Char Rajibpur, chilmari, Phulbari, Kurigram Sadar, Negeshwari, Rajarhat, Raomari, Ulipur
	Nilphamari	Dimla, Domar, Jaldhaka, Kishoreganj, Nilphamari Sadar, Saidpur.
	Rangpur	Badraganj, Gangchhara, Kaunia, Rangpur Sadar, Mithapukur, Pirgachha, Pirganj, Taraganj.
Barishal	Barishal	Agailjhara, Babuganj, Bakerganj, Banaripara, Gaurandi, Hizla, Barishal Sadar, Mehendiganj, Muladi, Wazirpur.
	Barguna	Amtali, Bamna, Barguna Sadar, Betagi, Patharghata.
	Patuakhali	Bauphal, Dasmina, Galachipa, Kalapara, Mirzaganj, Patuakhali Sadar, Dumki.
	Jalokathi	Jalokathi, Kathalia, Nalchity, Rajapur.

- c. Project period : July 2011 to June 2016
- d. Estimated cost of the project : Tk.10376.39 lac
(GOB: 4965.17, PA: 5411.22)
- e. Allocation of the project in FY 2014-15 : Tk. 3298.00 lac
(GOB: 1218.00, PA: 2080.00)
- f. Expenditure of the project in FY 2014-15 : Tk. 3294.35
(GOB: 1217.77 PA: 2076.57)
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	km	150	60	60	100
Construction of buried pipe line	km	205.75	73.83	73.83	100
Construction of storage	No	1600	720	720	100
Pond re-excavation	No	140	44	44	100
Farmer's Training	No	10302	2995	2995	100

4. INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT IN PIROJPUR-GOPALGONJ- BAGERHAT (IADPPGB)

a. Objectives of the project

- To produce more food grain in the project area through optimum utilization of resources by applying modern and local appropriate technology;
- To bring additional 22,000 hectares of cultivable land under irrigation after completion of the project through excavation and re-excavation of 300 Km. khal/nalas, optimum utilization of 490 nos. of various capacity Low lift pump and construction of 470 kilometer surface irrigation channel including other necessary hydraulic structure by which on 55,000 MT additional food grain will be produced;
- To produce, process, preserve and distribution of 5000 mt suitable varieties of quality certified/TLS seed in the proposed project area;
- To establish of 200 mt. capacity seed processing, preservation and distribution centre;
- To create self-employment opportunity and alleviate poverty of various category of people of the project area; and
- To improve the knowledge and skills of the scientists. DAE, BADC, NGOs personnel and farmers through training, visit and higher education.

b. Location of the project:

Division	District	Upazila
Barishal	Pirojpur	Pirojpur Sadar, Nazirpur, Bhandaria, Nesarabad, Kawkhali, Zianagar, Mathbaria;
Khulna	Bagerhat	Bagerhat Sadar, Kachua, Rampal, Fakirhat, Mollarhat, Chitalmari, Mongla, Morelgonj, Sharankhola
Dhaka	Gopalganj	Gopalganj Sadar, Muksudpur, Kashiani, Tungipara, Kotalipara

- c. Project period : July 2012 to June 2017
- d. Estimated cost of the project : Tk.13967.87 lac
- e. Allocation of the project in FY 2014-15 : Tk.2000.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk.1999.85 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	300	88	88	100
Construction of buried pipe line	Km	268	16	16	100
Construction of hydraulic structure	No	105	37	37	100
Procurement of Low Lift Pump	No	540	110	110	100

5. PROJECT OF ACTIVATING INOPERABLE DEEP TUBE WELLS OF BADC FOR IRRIGATION

a. Objectives of the project

- To operate 1,425 Nos. of inoperable/unserviceable 2-cusec deep tube wells (DTW) through rehabilitation, construction of 1425 Nos.(855,000 meter) buried pipe irrigation system and electrification for utilization of groundwater for irrigation of 47,880 hectares of land;
- To produce additional 119,700 metric ton food grain per year through optimum utilization of groundwater by developing irrigation infrastructure and applying modern and local appropriate technology; and
- To create self-employment opportunity and alleviate poverty of 6,000 Owners/Managers/Operators/Fieldsmen of irrigation equipment and 12,000 farmers by upgrading their skill through training and participating in the implementation of the project activities as well as 119,700 farm families, 239,400 (men 143,640 & women 95,760) labourers through engaging themselves in all activities of food grain production & processing.

b. Location of the project

Division	District	Upazila
Dhaka	Dhaka	Dhamrai, Savar
	Narsingdi	Shibpur
	Narayanganj	Sonargaon, Rupganj, Arai-hajar
	Gazipur	Gazipur, Kaliakair, Kapasia, Kaliganj, Sreepur.
	Manikganj	Manikganj Sadar, Harirampur, Shibalaya, Paturia.
	Kishoreganj	Kishoregonj Sadar, Pakundia, Hossainpur, Karimganj, Katiadi, Niklee, Kuliarchar, Bajitpur
	Mymensingh	Ishwarganj, Gouripur, Nandail, Mymensingh, Trishal, Fulpur Haluaghat, Muktagachha, Fulbaria, Bhaluka Gaffargaon.
	Tangail	Tangail Sadar, Kalihati, Bhuapur, Ghatail, Gopalpur, Modhupur, Dhonbari, Mirzapur, Basail Shakhipur, Delduar
	Jamalpur	Jamalpur Sadar, Sharishabari, Madarganj, Melandah, Islampur, Dewanganj, Bakshiganj.
	Sherpur	Sherpur Sadar, Nokla, Sreebari, Nalitabari, jhenaigati
	Netrokona	Netrokona Sadar, Kendua, Aatpara, Madan, Durghpur, Kalmakanda, Purbadhola, Mohonganj, Barhatta.
	Faridpur	Faridpur Sadar, Boalmari, Modhukhali, Sadarpur, Nagarkanda, Bhanga
Rajbari	Rajbari Sadar, Goalanda, Pangsha, Baliakandi	
Khulna	Jessore	Jessore Sadar, Chowgachha, Bagharpara, Sharsha, Jhikargachha, Monirampur
	Magura	Magura Sadar, Mohammadpur, Shalikka
	Jhenaidah	Kaliganj, Jhenaidah, Harinakundu, Kotchandpur, Maheshpur.
	Kushtia	Kustia Sadar, Kumarkhali, Khoksha, Dulatpur, Bheramare,

		Alamdanga.
	Chuadanga	Chuadanga Sadar, Damurhuda, Jibonnagar.
	Meherpur	Meherpur sadar, Gangni, Mujibnagar.
	Satkhira	Satkhira Sadar, Kolaroa, Tala.
Sylhet	Sylhet	South surma, Jokyganj.
	Sunamgonj	Thherpur, Sunamganj Sadar Doarabazar, Chhatak.
	Hobigonj	Baniachong, Nabiganj Azmiriganj.
Chittagong	Noakhali	Sonaimuri.
	Laxmipur	Laxmipur Sadar,
	Feni	Feni Sadar, Dagonbhuiyan, Sonagaji,
	Brahmanbaria	Kosba, Akhaura, Nabinagar, Brahmanbaria sadar Sorail, Nasirnagar.
	Comilla	Laksham, Nangalkot, Chouddagram, Chandina, Barura, Comilla Sadar Dakhkhin, Debiddar, Muradnagar, Burichang, Daudkandi.
	Chandpur	Shahorasti, Kochua,

- c. Project period : July 2010 to June 2016
- d. Estimated cost of the project : Tk.15069.00 lac
- e. Allocation of the project in FY 2014-15 : Tk. 3000.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk. 2990.03 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Construction of buried pipe line	Km	600	111.60	111.60	100
Construction of pump house	No	400	161	161	100
Construction of electric lines	No	850	130	130	100
Procurement of submersible pump	No	850	195	195	100

6. GREATER DHAKA DISTRICT IRRIGATION AREA DEVELOPMENT PROJECT

a. Objectives of the project

- To produce an additional 49213 metric tons food grain per year providing irrigation facilities to 19685 hectares of land by creating more irrigation facilities application of modern agricultural techniques through optimum utilization & conjunctive use of surface & ground water;
- To increase irrigation efficiency and to reduce yield gap by applying on farm water management technology by constructing different irrigation infrastructure;
- To sustain and maintain continuity of irrigation schemes implemented during 1st phase of Greater Dhaka Irrigation Area Development Project & Shaheed Moyezuddin Gazipur- Narsingdi Intergrated Area Development Project; and
- To create self-employment opportunity and alleviate poverty of the people of project area and to develop skilled manpower through effective training.

b. Location of the project

Division	District	Upazilla
Dhaka	Gazipur	Gazipur sadar, Kaliakor, Kaliganj, Kapasia, Sreepur, Tongi.
	Manikganj	Harirampur, Shingair, Shibaloy, Manikganj sadar, Saturia, Ghior, Daulatpur
	Dhaka	Dohar, Nawabganj, Keraniganj, Savar, Dhamrai.
	Narayanganj	Rupganj, Arihajar, Sonargaon, Bandar, Narayanganj sadar.
	Munshiganj	Gazaria, Lowhajonj, Sirajdikhan, Tongibari, Sreenagar, Munshiganj sadar.
	Narsingdi	Narsingdi sadar, Raipura, Polash, Shibpur, Monohordi, Belabo

- c. Project period : July 2010 to June 2015
- d. Estimated cost of the project : Tk.10475.55 lac
- e. Allocation of the project in FY 2014-15 : Tk.1966.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk.1961.75 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	410	80	80	100
Construction of pucca irrigation Channel	Km	70	5.6	5.6	100
Buried pipe line	Km	148	44	44	100
Installation of new deep Tube Well	No	70	4	4	100
Construction of hydraulic structure	No	100	11	11	100
Electric line	No	153	45	45	100

7. PABNA NATORE SIRAJGANJ MINOR IRRIGATION DEVELOPMENT PROJECT (3rd phase)

a. Objectives of the project

- To produce additional 52691 metric tons of food grain per year providing irrigation facilities to 21076 hectares of land;
- To sustain and maintain continuity of irrigation schemes implemented during 1st and 2nd phase of the project and to produce an additional 114261 metric tons of food grain per year covering 45704 hectares of land under irrigation by utilizing the irrigation equipments and irrigation structures constructed up to the 3rd phase of the project;
- To increase supply of surface water for irrigation and improve water logging situation under the project area & to ensure minimum water requirement for irrigation through practicing “On Farm Water Management Technology” & applying Alternate Wetting and Drying (AWD) method of irrigation; and
- To create self-employment opportunity and to alleviate poverty of the people of the project area and to develop skill manpower by imparting effective training.

b. Location of the project

Division	District	Upazila
Rajshahi	Pabna	Pabna Sadar, Ishurdi, Atghoria, Chatmohar, Faridpur, Bhangura, Shanthia, Bera, Sujanagar
	Natore	Natore Sadar, Bagatipara, Baraigram, Lalpur, Singra, Gurudaspur
	Sirajganj	Sirajganj Sadar, Kamarkhond, Kazipur, Raiganj, Tarash, Ullapara, Shahjadpur, Belkuchi and Chouhali

- c. Project period : March 2011 to June 2016
- d. Estimated cost of the project : Tk.16636.10 lac
- e. Allocation of the project in FY 2014-15 : Tk.3730.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk.3716.95 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	120	13	13	100
Construction of buried pipe line	Km	680	192	192	100
Installation DTW	Nos	300	52	52	100
Construction of hydraulic structure	No	350	65	65	100
Electric line for DTW	No	400	60	60	100
Training (Farmer)	Nos	1600	400	400	100

8. GREATER FARIDPUR IRRIGATION AREA DEVELOPMENT PROJECT

a. Objectives of the project

- To expand irrigated area by 12318 hectares after completion of the project by optimum utilization of 127 nos. of 2-cusec deep tube wells (DTW)s and also through construction of irrigation channel/buried pipe water distribution system and excavation/re-excavation of 400 kilometers khals, nalas and by construction of other infrastructures which will produce additional 30795.00 metric tons of food grain every year;
- To continue utilization of irrigation equipment and infrastructures already constructed during the 1st & 2nd phase of the project by which an additional 13465.80 hectares of land will be brought under irrigation which will produce 33664.50 metric tons of food grain every year;
- To produce 64459.50 metric tons of food grain per year from 25783.80 hectares of irrigated land through utilization of irrigation equipment & infrastructures constructed and to be constructed up to the proposed project; and
- To create self-employment facilities by imparting training to 2225 farmers/unemployed youths.

b. Location of the project

Division	District	Upazila
Dhaka	Faridpur	Faridpur Sadar, Boalmari, Modhukhali, Alfadanga, Char Bhadrason, Sadarpur, Nagarkanda, Saltha, Bhanga
	Gopalganj	Gopalganj Sadar, Muksudpur, Kashiani, Tungipara, Kotalipara,
	Rajbari	Rajbari Sadar, Goalondo, Pangsha, Baliakandi
	Madaripur	Madaripur Sadar, Rajoir, Kalkini, Shibchar
	Shariatpur	Shariatpur Sadar, Naria, Jajira, Damudya, Bhedorganj, Goshairhat

- c. Project period : July 2011 to June 2015
- d. Estimated cost of the project : Tk. 9462.66 lac
- e. Allocation of the project in FY 2014-15 : Tk. 2428.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk. 2427.10 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	300	149	149	100
Construction of buried pipe line	Km	187	45	45	100
Construction of hydraulic structure	No	250	61	61	100
Electric line	No	127	12	12	100

9. SURVEY AND MONITORING PROJECT FOR DEVELOPMENT OF MINOR IRRIGATION

a. Objectives of the project

- To collect minor irrigation related data such as number of irrigation equipments, irrigated area, cost of irrigation, cost of production, number of benefited farmers, water quality testing, status of groundwater, source and availability of surface water for expansion of minor irrigation;
- To analyze the collected data and convert into useful information and to prepare periodic and annual reports on minor irrigation survey, costing of irrigation, quality of irrigation water, groundwater monitoring by deep tube-wells/observation wells/automatic water level recorder, ground water data book, training manual on groundwater monitoring/automatic water level recorder, training manual on water testing by field-kits and other periodicals and publications;
- To increase the knowledge, skill, awareness and motivation level of the project manpower to collect authentic data and convert these data into information and to accelerate the work speed with a view to achieving the ultimate goal of the project;
- To provide technical assistance and suggestions to the government and policy makers for the formulation of minor irrigation policy, planning strategy projects and programs for the development of minor irrigation sector of the country;

b. Location of the project: All over Bangladesh

- c. Project period : July 2011 to June 2014
- d. Estimated cost of the project : 2644.59 lac
- e. Allocation of the project in FY 2014-15 : 482.00 lac
- f. Expenditure of the project in FY 2014-15 : 478.00 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Procurement of lab equipment	Set	98	1	1	100
Training of personnel	Nos	1211	167	167	100
Computer	Set	17	2	2	100
Repairing water level recorder	Set	200	198	198	100

10. EASTERN INTEGRATED IRRIGATION AREA DEVELOPMENT PROJECT (2nd phase)

a. Objectives of the project.

- To expand irrigation facilities to 10202 hectares of additional cultivable land by which additional 25505 metric tons of food grains will produced per year after completion of the project (2nd phase) by optimum utilization of 70 nos. of 5-cusec, 80 nos. of 2 cusec, 50 nos. of 1-cusec Low Lift Pump (LLP) and 60 nos. of 2-cusec Force Mode Tube Well through construction of earthen dam, irrigation channel/buried pipe system & other infrastructures and by completion of carried over incomplete activities of the Eastern Integrated Irrigation Development Project during this project by applying modern and local appropriate technology;
- To continue utilization of irrigation equipment and infrastructures already procured and constructed during the Eastern Integrated Agricultural Development Project (1st Phase) by which an additional 9712 hectares of land will be brought under irrigation by optimum utilization of 119 nos. of 5- cusec low Lift Pump (LLP) & 51 nos. of 2-cusec Force Mode Tubewell producing 24280 metric tons of food grain per year by utilization of surface and ground water;
- To produce 49785 metric tons (1st Phase 24280 & 2nd phase-24280 metric tons) of additional food grain per year from 19914 hectares (1st phase-9712 & 2nd phase 10202 hectares) of irrigated land through utilization of irrigation equipment & infrastructures constructed and to be constructed up to this project period; and
- To create self employment opportunity and alleviate poverty of 1500 Owner/Manager/Operator/Fieldsmen of irrigation equipment and 2400 farmers by upgrading their skills through training, 53100 farm families, 159300 labours (106200 Men and 53100 Women) through engaging themselves in all activities of irrigation and production of food grain, fruit & vegetables under the project area.

b. Location of the project

Division	District	Upazila
Chittagong	Comilla	Adarsa Sadar, Sadar South, Burichong, Brahmanpara, Barura, Chandina, Laksam, Monohorgonj, Chauddagam, Nanglkot, Debidwar, Muradnagar, Daudkandi, Homna, Meghna, Titas.
	Chandpur	Chandpur Sadar, Haziganj, Shahrasti, Mutlab (South), Matlab (North), Haimchar, Faridganj, Kachua.
	Brahmanbaria	Brhmanbaria Sadar, Kasba, Nabinagar, Nasirnagar, Sarail, Bancharampur, Akhaura, Ashuganj, Bijoynagar.
	Noakhali	Noakhali Sadar, Begumgonj, Senbagh, Kabirhat, Companigonj, Chatkhil, Hatia, Sonaimuri, Subarnachar.
	Lakshmipur	Lakshmipur Sadar, Ramgati, Ramganj, Raipur, Komolnagar.
	Feni	Feni Sadar, Chhagalniya, Dagandbuiyan, Porshuram, Fulgazi, Sonagazi.
	Chittagong	Paslaish, Rangunia, Raozan, Mirshari, Sitakunda, Sandwip, Sathazari, Fatikchhari, Patiya, Boalkhali, Anwara, Chandanaish, Shatkania, Lohagara, Banashkhali.
	Cox's Bazar	Cox's Bazar, Moheskhali, Ramu, Chokoria, Kutubdia, Fekua, Ukhia, Teknaf.

- c. Project period : January 2013 to June 2017
- d. Estimated cost of the project : 10200.00 lac
- e. Allocation of the project in FY 2014-15 : 3300.00 lac
- f. Expenditure of the project in FY 2014-15 : 3294.93 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	240	48	48	100
Construction of embankment	Km	30	11.50	11.50	100
Construction of buried pipe	Km	101.60	33.00	33.00	100
Construction of irrigation channel	Km	10	1	1	100
Construction of hydraulic structure	No	228	91	91	100
Procurement of LLP	No	170	105	105	100
Electric line	No	160	39	39	100

11. MODERN MINOR IRRIGATION EXPANSION PROJECT IN GREATER RANGPUR DISTRICT

a. Objectives of the project

- To produce additional 10685.00 metric ton food grain per year providing irrigation facilities to 3053.00 hectare of land by creating more irrigation facilities, applying of modern agricultural techniques;
- To increase irrigated area and reduce water losses by applying “Modern minor irrigation equipments” through supplying agricultural inputs and alternate wetting and drying (AWD) kits through appropriate training; and
- To create self-employment opportunity and alleviate poverty of the project area and to develop manpower through effective training.

b. Location of the project

Division	District	Upazila
Rangpur	Lalmonirhat	Lalmonirhat Sadar, Aditmari, Kaliganj, Hatibandha, patgram.
	Kurigram	Kurigram Sadar, Fulbari, Rajarhat, Ulipur, Chilmari, Rowmari, Rajipur, Nageswari, Bhurungamari.
	Gaibandha	Gaibandha Sadar, Saghatta, Fulchari, Sundarganj, Sadullapur, Polasbari, Gobindoganj.
	Rangpur	Kaunia, Gangachara, Mithapukur.
	Nilphamari	Kishoreganj, Jaldhaka.

- c. Project period : July 2013 to June 2017
- d. Estimated cost of the project : Tk.3421.61 lac
- e. Allocation of the project in FY 2014-15 : Tk.200.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk.199.25 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Buried pipe line	Km	48	22.20	22.20	100
Buried pipe line extension	Km	72.10	31.50	31.50	100
1-cusec Deep Tube Well	No	40	17	17	100
1-cusec suction mode pump	No	40	22	22	100
Pump House	No	100	94	94	100
Electric line	No	80	35	35	100

12. SYLHET DIVISION MINOR IRRIGATION DEVELOPMENT PROJECT

a. Objectives of the project

- To expand Irrigation facilities to 14,375 hectares of land per year by excavation / re-excavation of Khal–nalas, hilly chharas and operation of Irrigation equipment through utilization of surface and ground water.
- To produce 86,251 metric ton food grains, fruits and vegetables per year through optimum utilization of surface and ground water by developing Irrigation Infrastructure and applying modern and local appropriate technology.
- To create self-employment opportunity and alleviate poverty by training 200 manager/ operators / fieldsman on “Repair and maintenance of irrigation equipment” and 400 farmers on “On farm water management” and upgrading their skill and participating in the implementation of the project activities.

b. Location of the project

Division	District	Upazila
Sylhet	Sylhet	Sylhet Sadar, South Shurma, Gowainghat, Balaganj, Compniganj, Biswanath, Golapganj, Jaintapur, Kanaighat, Zakiganj, Beanibazar and Fenchuganj.
	Sunamganj	Sunamganj Sadar, South Sunamganj, Chhatak, Doarabazar, Jamalganj, Tahirpur, Bishwamvarpur, Derai, Sulla, Jagannathpur and Dharamapasha.
	Hobiganj	Hobiganj Sadar, Lakhai, Chunarughat, Madhabpur, Bahubal, Nabiganj, Baniachong and Ajmiriganj.
	Maulvibazar	Maulvibazar Sadar, Sreemangal, Kulaura, Baralekha, Juri, Kamalganj and Rajnagar.

- c. Project period : October 2014 to June 2019
- d. Estimated cost of the project : Tk.13805.90 lac
- e. Allocation of the project in FY 2014-15 : Tk.1598.00 lac
- f. Expenditure of the project in FY 2014-15 : Tk.1545.11 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	300	48	48	100
Buried pipe line (LLP)	Km	35	3	3	100
Construction of hydraulic structure	No	120	15	15	100
RCC open channel (LLP)	Km	30	2.7	2.7	100

13. SURFACE WATER IRRIGATION REHABILITATION IN THE SOUTHERN DELTA REGION (BARISAL DISTRICT) OF BANGLADESH

a. Objectives of the project

- To produce additional 12,500 metric tons of food grain per year providing irrigation facilities to 500 hectores of land by creating more irrigation facilities.
- To rehabilitate irrigation canals/ Khals (dredge of sediment and clean) for improving water conveyance and storage capacity to assure the right quantity of water availability at right place and time in dry season to farmers.
- To create and /or improve the performance of already existing but highly organized WUA and water users groups with high level of social capital and cooperation among farmers.
- To develop the capacity to cooperatively managed shared water resources to boost up agricultural productivity.
- To collaborate with the Cereal Systems Initiative for South Asia Mechanization and Irrigation (CSISA-MI) initiative to develop cost-effective and appropriate irrigation for communities following canal/ Khal rehabilitation and to wotk to develop models for cooperative management of water resources.

b. Location of the project

Division	District	Upazila
Barisal	Barisal	Agailzara, Babuganj, Muladi, Hizla, Gouranadi, Mahendiganj and Bakerganj.

- c. Project period : July 2014 to June 2016
- d. Estimated cost of the project : Tk.1280.31 lac
- e. Allocation of the project in FY 2014-15 : Tk.857.67 lac
- f. Expenditure of the project in FY 2014-15 : Tk.642.75 lac
- g. Physical progress of the project in FY 2014-15 : 100%

h. Target and achievement of the main component of the project during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	72	50	50	100
Buried pipe line	Km	12.50	4.8	4.8	100
Construction of hydraulic structure	No	10	5	5	100
Procurement of low lift pump	No	50	50	50	100

CHAPTER -V

FERTILIZER MANAGEMENT

As per Government decision, fertilizer procurement-cum-distribution activities were stopped by the BADC during the Financial Year 1992-93. But from the Financial Year 2006-07, BADC was again entrusted with the responsibility of distribution of non-urea fertilizers i.e. Triple Super Phosphate (TSP) and Muriate of Potash (MOP) in a limited scale. From the FY 2010-11 BADC had started distribution of non-urea fertilizers (TSP, MOP & DAP) in full swing. Recently measures have already been taken for distribution of fertilizers through 49 sale centers in 21 regions of BADC all over Bangladesh. The position of import and distribution of non urea fertilizers during the FY 2014-15 are given in Table 5.1

Table 5.1 Fertilizer import and distribution during the FY 2014-15

Name of fertilizer	2014-15	
	Import	Distribution
Triple Super Phosphate (TSP)	4.16	3.76
Muriate of Potash (MOP)	3.78	4.10
Diamonium phosphate (DAP)	1.56	1.14
Total	9.50	9.00

As per decision of government the sale prices of imported non- urea fertilizes (TSP, MOP and DAP) are fixed by the Ministry of Agriculture. The sale prices of imported TSP, MOP and DAP fertilizers of BADC during the FY 2014-15 are given below in the following table 5.2.

Table 5.2 Subsidized sale prices of fertilizer at dealer level during the FY 2014-15

Financial Year	Subsidized sale price (Tk/kg)		
	TSP	Mop	DAP
2014-15	20.00	13.00	25.00

Table 5.3 Subsidized sale prices of fertilizer at farmer level during the FY 2014-15

Financial Year	Subsidized sale price (Tk/kg)		
	TSP	Mop	DAP
2014-15	22.00	15.00	27.00

Table 5.4 Registered fertilizer dealer of BADC during the FY 2014-15

Sl. Nos.	Categories of dealer	Nos. of dealer
1.	From BCIC dealer	2013
2.	From BADC seed dealer	3815
Total:		5828

1. MAINTENANCE, REHABILITATION OF BADC'S EXISTING FERTILIZER GODOWNS AND STRENGTHENING OF FERTILIZER MANAGEMENT ACTIVITIES PROJECT

1.1 Introduction

The farmers of our country have a firm confidence on the quality of BADC'S imported fertilizers which is increasing every year. The storage capacity of BADC's existing godowns is less than the quantity of imported fertilizers. At present, BADC has been storing twice/thrice higher quantity of fertilizers than its existing storage capacity. To ensure supply of quality fertilizers all over the country, it is essential to increase storage capacity by constructing pre-fabricated steel godowns and to improve the storage conditions by repairing of existing godowns and related infrastructures.

1.2 Objectives of the project

- To increase fertilizer storage capacity of BADC;
- To ensure distribution of quality fertilizers by developing suitable storage environment of existing godowns;
- To create work friendly environment by repairing office buildings and related infrastructures;
- To strengthen fertilizer management through supplying office equipment and logistics; and
- To digitalize fertilizer management information software by developing mobile/online software.

1.3 Location of the project

Division	District
Barishal	Barisal, Barguna, Bhola, Jhalokati, Patuakhali, Pirojpur
Chittagong	Chittagong, Comilla, Brahmanbaria, Chandpur, Cox'sBazar, Feni, Khagrachari, Lakshmipur, Noakhali, Rangamati, Brahmanbaria
Dhaka	Dhaka, Faridpur, Gazipur, Gopalganj, Jamalpur, Kishoreganj, Madaripur, Manikganj, Munshiganj, Mymensingh, Narayanganj, Netrakona, Narshindi, Rajbari, Sharitpur, Sherpur, Tangail
Khulna	Bagerhat, Chuadanga, Jessore, Jhenaidha, Kushtia, Khulna, Magura, Meherpur, Naril, Satkhira.
Rajshahi	Bogra, Chapai Nawabganj, Joypurhat, Naogaon, Natore, Pabna, Rajshahi, Sirajgonj
Rangpur	Dinajpur, Gaibandha, Kurigram, Lalmonirhat, Nilphamari, Panchagar, Rangpur, Thakurgaon.
Sylhet	Habiganj, Maulvibazar, Sunamganj, Shylhet.

- 1.4 Project period : July 2013 to June 2018
- 1.5 Estimated cost of the project : Tk. 13430.90 lac
- 1.6 Allocation of the project in FY 2014-15 : Tk. 2500.00 lac
- 1.7 Expenditure of the project in FY 2014-15 : Tk. 2498.00 lac
- 1.8 Physical progress of the project in FY 2014-15 100%

1.9. Target and achievement of the main components of the program during the FY 2014-15

Item	Unit	DPP Target	2014-15		Achieved in percentage
			Target	Actual	
Dunnage	No	6000	115	115	100
Tarpaulin	No	100	100	100	100
Digital weighing machine	No	73	30	30	100
Fire extinguisher	No	300	100	100	100
Land development	Cum	40000	15000	15000	100
Plastiting/retaining wall	Cum	430	83	83	100
Construction of boundary wall	Rm	7600	508	508	100
Prefabricated steel godwons	Sqm	50000	8800	8800	100
Construction of haring bone road	Sqm	1600	800	800	100

CHAPTER -VI

TRAINING

BADC organizes two types of training. These are as follow:

- A. Local Training and
- B. Foreign Training

A. Local Training

BADC has its own training Institute at Madhupur, Tangail to impart both induction foundation and in-service training to its employees working in different places of the country. Since its inception in 1968, the institute is located in the vicinity of Madhupur Seed Multiplication Farm, Tangail that is about 150 Km drive towards northwest of the capital city of Dhaka. The institute is situated on an area of 10 acres of land. Over the years, the institute was developed as the most modern training Institute with all facilities including sufficient classrooms, library facilities and suitable accommodation for the trainees and speakers. Since its establishment in 1968, the institute has been serving the purpose of developing professional skills of BADC personnel through appropriate training. The overall management of the institute lies with the principal who is assisted by a team of instructors in matters of designing and conducting various training courses and programs.

Generally, three types of training are organized in the institute. These are as below:

- Refreshers' course induction training for newly recruited employees;
- In-service training of the officers and staff working in the corporation; and
- Short duration training.

The curriculum of training includes mainly courses on specialized subjects like intensive crop production, pest control, farm management, water management, repair and maintenance of irrigation equipments and farm machineries, seed processing, administration and office management, purchase procedures, budgeting, accounting, auditing etc. The duration of courses varies depending on the nature of the training. The induction training is basically meant for the newly recruited employees and the in-service training for the various categories of existing BADC personnel. Besides, the normal training program, workshops and seminars on important issues relating to agriculture are also organized by the institute. Guest speakers and lecturers from different universities/institutes are sometimes invited in order to deliver speeches to keep in pace with the demand or importance of the training courses held during the FY 2014-15 for 226 nos of officers and staff.

Library and Reference Service

The BADC training institute maintains a library to meet the needs of the trainees and the trainers. The library has a fairly good collection of books, periodicals, magazines, and journals etc. on various issues and aspects of agriculture, irrigation management, finance, administration and other subjects of interest. About 6000 books on different subjects have been preserved in the library of the Institute. The BADC training institute also provides infrastructural facilities to different organizations including NGO's on rental basis for the training of their personnel.

Training by other organizations

During the FY 2014-15 a total number of 205 officers were attended in different courses organized by Academy for Planning and Development (APD), Financial Management Academy (FIMA), MOA, BARI, AFACI etc. and also in-house training organized by the BADC. On the other hand 103 officers and staffs attended in-house training program organized by BADC

Table 6.1 Training availed in different organization during the FY 2014-15.

Sl. No.	Name of training courses	Ministry/ Organization	Nos. of Participants
1	Innovation and Agriculture	The High Commission of Canada, Bangladsh.	02
2	BARI Internal Research Review and future Research Program-2014	BARI, Gazipur	08
3	Agriculture Extension in South Asia (AESAs)		03
4	Network Operation and Maintenance	Infro Network Bangladesh	
5	Poverty, Environment Disaster and Climate Change Inclusive Development Project Design.		03
6.	IMED Monitoring Procedure		02
7.	Post harvest tgechnology in horticultural crops.		04
8.	Refreshers Results Bases Project Indenification and Design (RBPID)		01
9.	Promising technology of the NARS Institute for the Sustainable Food and Nutrition Security of Bangladesh.		03
10.	Use of ARMIS Software and its Operation.		01
11.	Technlogy about quality rice Seed Production	(BARI)	40
12.	Seminar on Medium Team Budget Formwork (MTBF)		02
13.	ICT and e- Government Management Course		02
14.	Training on Quality rice seed production technology	BIRRI	45
15.	Computer Application and English Language course /Communication English Course		02
16.	Postgraduate Certificate Course on Seed Technology		04

17.	Procurement Management	NPDA	01
18.	Workshop on demand for National Agricultural training	National Agricultural training Academy	
19.	Climate Change and Bangladesh Preparing Climate Resilient		01
20.	Climate Service Second User Forum for Water Sector.	Sixth Asian climate Outlook Forum (SSACOF-6)	02
21.	Development of South Asia Drought Monitoring System	South Asia Drought Monitoring System (SADMS)	01
22.	Knowledge and Awareness Building		04
23.	Financial Management		02
24.	e-Agricultural and its Development Initiates		04
25.	Innovation of Citizen Services	Access to Information (a2i) Program	03
26.	Project Monitoring and Evaluation		01
27.	Agricultural Technologies for Adoption to Climate Change	(BARC)	02
	Total		117

B. Foreign Training

BADC utilizes overseas training facilities to acquaint its officials with the latest technical know-how in the field of agriculture and mechanization of agriculture. During the FY 2014-15, BADC sent 48 officers abroad to participate in the training program on different subjects as against the facilities and financial assistance offered by the donor countries /agencies. Table 6.1 shows the details of foreign trainings undertaken by the officers during the year under report.

Table 6.2 Foreign training availed during the FY 2014-15

Sl. No.	Name of Training Courses	Name of Country	Nos. of Participants
1	Agricultural Infrastructure in Upland Crop Farming Areas for Rural Development.	Japan	01
2	Seminar on Construction of Agricultural Products Circulation System for Developing Countries.	China	01
3	Training arranged by Project of Activating inoperable deep tube wells of BADC for irrigation.	India	03
4	Quality Rise Seed Production.	(BHU) Varanasi	01
5	Training Course on Operation and Maintenance of Agriculture Machinery for Asia Countries.	China	01

6	Modern Technology for Sustainable Agricultural Systems.	Thiland	01
7.	Gaining Knowledge on Modern Lab Facility and Installation of specialized laboratory Equipment.	China	05
8.	Agricultural Project Management.	India	02
9.	Training arrange by Eastern Integrated Irrigation Area Development Project	India	02
10	Traning Arrange by Rubber dam project in challakhali rive	China	01
11	Factory Inspection and training	India	01
12	Seminar on Agricultural and Food Products Safety Management for Developing Countries.	China	01
13.	Overseas Training / Study Tour Program	China	04
Total			24

CHAPTER - VII

FINANCE

During the FY 2014-15, there were 19 projects under Annual Development Program (ADP) and 35 programs under revenue implemented by BADC. Out of 19 projects 10 were under crop sub-sectors and 9 projects under irrigation sub-sectors. Out of 35 programs, 7 were under crop sector and 28 were under irrigation sector.

Table 7.1 Provision for 35 Program under revenue (In lakh Taka).

Sector	GOB	PA	Total
Crop (7 programs)	7879.00	-	7879.00
Irrigation (28 programs)	4568.00	-	4568.00
Total (35 Programs)	12447.00	-	12447.00

Table 7.2 Total fund actually available under revenue (In lakh Taka).

Sector	GOB	PA	Total
Crop (7 program)	7879.00	-	7879.00
Irrigation (28 program)	4568.00	-	4568.00
Total (35 Programs)	12447.00	-	12447.00

Table 7.3 Total Expenditure under revenue (In lakh Taka).

Sector	GoB	PA	Total
Crop (7 program)	7879.00	-	7879.00
Irrigation (28 program)	4478.48	-	4478.48
Total (35 Programs)	12357.48	-	12357.48

Table 7.4. Provision for 19 Projects under ADP (In lakh Taka).

Sector	GOB	PA	Total
Crop (10 projects)	21355.00	7826.00	29181.00
Irrigation (9 projects)	18010.00	857.00	18867.00
Total 19 (projects)	39365.00	8683.00	48048.00

Table 7.4 Total fund actually available for 19 Projects under ADP (In lakh Taka).

Sector	GOB	PA	Total
Crop (10 projects)	21355.00	7836.00	29181.00
Irrigation (9 projects)	18010.00	642.75	18652.75
Total (19 projects)	39365.00	8468.75	47833.75

Table 7.5 Total Expenditure for 19 Projects under ADP (In lakh Taka).

Sector	GOB	PA	Total
Crop (10 projects)	21302.59	7777.57	29080.16
Irrigation (9 projects)	17916.34	642.75	18559.09
Total (19 projects)	39218.93	8420.32	47639.25

Appendix-1

Allocation of crop sector program in FY 2014-15

Sl no	Name of program	GoB	Own	Total
1	Production of Improved Cereal Seeds through Seed Multiplication Farms.	990.00	5199.92	6189.92
2	Improved Cereal Seed Production Through Contract Growers	245.00	80.00	325.00
3	Procurement, Processing and Distribution of Improved Cereal Seeds Program	5400.00	24000.00	29400.00
4	Jute Seed Program	365.00	2025.25	2390.25
5	Agro Service Center.	179.00	200.50	380.30
6	National Vegetable Seed Program	300.00	485.00	785.00
7	Buffer Stock of Seed and its Management Program.	400.00	2620.00	3020.00
Total		7879.00	34610.67	42490.47

Expenditure of crop sector program in FY 2014-15

Sl no	Name of program	GoB	Own	Total
1	Production of Improved Cereal Seeds through Seed Multiplication Farms.	990.00	4327.27	5317.27
2	Improved Cereal Seed Production Through Contract Growers	245.00	69.86	314.86
3	Procurement, Processing and Distribution of Improved Cereal Seeds Program	5400.00	22219.09	27619.09
4	Jute Seed Program	365.00	1765.02	2130.02
5	Agro Service Center.	179.00	172.21	352.01
6	National Vegetable Seed Program	300.00	485.00	785.00
7	Buffer Stock of Seed and its Management Program.	400.00	2496.48	2896.48
Total		7879.00	31534.93	39414.73

Appendix-2

Allocation of crop sector project in FY 2014-15

Sl no	Name of Project	GoB	Own	PA	Total
1	Integrated Quality Horticulture Development Project	470.00	252.29	-	722.29
2	Tuber Crops Development Project	6470.00	5610.61	-	12080.61
3	Enhancing Quality seed supply project	1643.00		5745.00	7388.00
4	Establishment of seed Multiplication Farm in southern coastal Region	2250.00		-	2250.00
5	Construction of Rubber dam for small and medium Rivers for increased crop production	1500.00		-	1500.00
6	Mujibnagar Integrated Agricultural Development Project	2184.00		-	2184.00
7	Intregrated Agricultural Productivity Project	1218.00		2080.00	3298.00
8	Intregrated Agricultural Project in Perojpur-Gopalganj- Bagerhat	2000.00		-	2000.00
9	Maintenance, rehabilitation of badc's existing fertilizer godowns and strengthening of fertilizer management activities project	2500.00		-	2500.00
10	Establishment of pulse and oil seed Multiplication Farm and seed processing centre at Subarnachar Upazilla in Noakhali District	1120.00	60.00	-	1180.00
	Total	21355.00	5922.90	7826.00	29181.00

Expenditure of crop sector project in FY 2014-15

Sl no	Name of Project	GoB	Own	PA	Total
1	Integrated Quality Horticulture Development Project	469.63	250.50	-	720.13
2	Tuber Crops Development Project	6452.93	5529.09	-	1198.02
3	Enhancing Quality seed supply project	1617.31	-	5701.00	7318.31
4	Establishment of seed Multiplication Farm in southern coastal Region	2249.11	-	-	2249.11
5	Construction of Rubber dam for small and medium Rivers for increased crop production	1498.54	-	-	1498.54
6	Mujibnagar Integrated Agricultural Development Project	2183.85	-	-	2183.85
7	Intregrated Agricultural Productivity Project	1217.77	-	2076.57	3294.35
8	Intregrated Agricultural Project in Perojpur-Gopalganj- Bagerhat	1999.85	-	-	1999.85
9	Maintenance, rehabilitation of badc's existing fertilizer godowns and strengthening of fertilizer management activities project	2498.00	-	-	2498.00
10	Establishment of pulse and oil seed Multiplication Farm and seed processing centre at Subarnachar Upazilla in Noakhali District	1115.60	60.00	-	1175.60
	Total	21302.59	5839.59	7777.57	27964.56

Appendix-2

Allocation of irrigation sector project in FY 2014-15

Sl no	Name of Project	GoB	Own	PA	Total
1	Projet of Activating Inoperable Deep Tube well of BADC for Irrigation.	3000.00	-	-	3000.00
2	Greater Dhaka Irrigation Area Development Project	1966.00	-	-	1966.00
3	Pabna-Nator-Sirajgonj Minor Irrigation Devebopment	3730.00	--	-	3730.00
4	Greater Faridpur Minor Irrigation Development Project.	2428.00	-	-	2428.00
5	Survey and Monitoring Project for Development of Minor Irrigation	478.00	-	-	478.00
6	Eastern Intregated Irrigation Development Project	3300.00	-	-	3300.00
7	Modern Minor Irrigation Expansion Project in Greater Rangpur District	1510.00	-	-	1510.00
8	Sylhet Division Minor Irrigation Development Project	1598.00	-	-	1598.00
9	Surface water Irrigation Rehabilitation in the Southern delta Region (Barisal district) of Bangladesh	-	-	857.00	857.00
	Total	18010.00	-	857.00	18867.00

Expenditure of irrigation sector project in FY 2014-15

Sl no	Name of Project	GoB	Own	PA	Total
1	Projet of Activating Inoperable Deep Tube well of BADC for Irrigation.	2989.93	-		2989.93
2	Greater Dhaka Irrigation Area Development Project	1961.75	-		1961.75
3	Pabna-Nator-Sirajgonj Minor Irrigation Devebopment	3716.95	-		3716.95
4	Greater Faridpur Minor Irrigation Development Project.	2427.10	-		2427.10
5	Survey and Monitoring Project for Development of Minor Irrigation	478.00	-		478.00
6	Eastern Intregated Irrigation Development Project	3294.92	-		3294.92
7	Modern Minor Irrigation Expansion Project in Greater Rangpur District	1502.58	-		1502.58
8	Sylhet Division Minor Irrigation Development Project	1545.11	-		1545.11
9	Surface water Irrigation Rehabilitation in the Southern delta Region (Barisal district) of Bangladesh	-	-	642.75	642.75
	Total	17916.34	-	642.75	18559.09

