

ANNUAL REPORT

2012-13



BANGLADESH AGRICULTURAL DEVELOPMENT CORPORATION
MINISTRY OF AGRICULTURE

ANNUAL REPORT 2012-13

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FOREWORD

In fulfillment of the statutory requirement as outlined in the charter of the Bangladesh Agricultural Development Corporation, the Annual Report for the Financial Year 2012-13 has been prepared and hereby forwarded for appropriate use. This report contains financial and physical aspects of 28 development projects (14 under crop sub-sector and 14 under irrigation sub-sector) and 103 programs (7 programs under crop sub-sector, 96 programs under irrigation sub- sector) executed by BADC during the Financial Year. The Annual Report for the FY 2012-13 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 such as projects and programs.

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

Md. Anwarul Islam Sikder ^{ndc}
Chairman
BADC

PREFACE

The publication of Annual Report on the activities of BADC is a statutory obligation. In fulfillment 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 2012-13.

This Annual Report has exclusively dealt with the financial and physical achievements of 28 development projects (14 under crop sub-sector and 14 under irrigation sub-sector) and 103 programs (7 programs under crop sub-sector & 96 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, Deputy Chief, Md. Shahin Mia, Research Officer, Md. Abul Kashem, Assistant Administrative Officer, Md. Abdur Razzak Majhi, Assistant Personal Officer 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 2012-13 was prepared and circulated to the concerned Divisions for comments. Afterward 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.

Ahmed Hassan Al Mahmud
Chief
Monitoring Division
BADC, Dhaka

BADC MANGEMENT BOARD

Full time members of the board:

1. Chairman;
2. Member Director in Charge of Fertilizer Management;
3. Member Director in Charge of Minor Irrigation;
4. Member Director in Charge of Finance; and
5. Member Director in Charge of Seed & Horticulture.

Ex officio members of the Board

1. The Registrar, Co Operative Societies; and
2. The Director General, Bangladesh Rural Development Board.

The Board of Directors, headed by the Chairman, is responsible for the overall management of the corporation. The Government appoints full time Member Directors including the Chairman. The Secretary of the Corporation acts as Secretary to the Board of Directors.

The Corporation functions through five wings viz, Administration, Finance, Fertilizer Management, Seed & Horticulture and Minor Irrigation. Each wing, excepting the Administration wing, is headed by a full time Member Director. The Administration wing functions under the direct supervision of the Chairman, assisted by the Secretary of the Corporation.

ABBREVIATIONS

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

Contents

Chapter	Description	Page Number
	Forward	iii
	Preface	iv
	BADC Management Board	v
	Abbreviations	vi
	Contents	vii-xii
Chapter-1	CROP SECTOR	
	1.1 Introduction	1
	1.2 Quality seed	2
	1.3 Formation of BADC	3
	1.4 Quality Policy of BADC	3
	1.5 Quality objectives of BADC	3
	1.6 BADC seed system	5
Chapter-2	CROP SECTOR PROGRAM UNDER REVENUE	7-29
	2.1 Production of Improved Cereal Seeds through S.M. Farms	7-12
	2.2 Improved Grain seed production through Contract Growers	13-14
	2.3 Procurement, Processing and Distribution of Improved Cereal Seeds Program	15-20
	2.4 Jute Seed Project Program	21-22
	2.5 Agro-Service Center Project Program	23-25
	2.6 National Vegetable Seed Project Program	26-27
	2.7 Buffer Stock of Seed and its Management	28-29
Chapter-3	CROP SECTOR PROJECT UNDER ADP	30-51
	3.1 Pulse & Oil Seed Project	31-33
	3.2 Improvement and Quality Seed production of Rice, Wheat and Maize project	34-36
	3.3 Integrated Quality Horticulture Development Project	37-39
	3.4 Tuber Crops Development Project	40-42
	3.5 Private Seed Sector Development Project	43-44
	3.6 Development & Multiplication of Agricultural Seed	45-46
	3.7 Enhancing Quality seed supply project	47-48
	3.8 Establishment of Integrated Seed Cold Storage Complex at Kurigram	49
	3.9 Establishment of seed Multiplication Farm in southern coastal Region	50-51
Chapter-4	IRRIGATION SECTOR PROGRAM UNDER REVENUE	52-150
	4.1 Narayangonj district water logging removal and increasing crop production program	55
	4.2 Program for earthen dam construction in Shakhipur and Bashail upazila of Tangail district	56
	4.3 Comilla district barura & south Sadar upazila minor irrigation development program	57
	4.4 Kishoreganj Sadar, Pakundia, Katiadi & Hossainpur upazila minor irrigation development program of Kishoreganj district	58
	4.5 Chitagong (south) district minor irrigation development program	59
	4.6 Chitagong (north) district minor irrigation development program	60

Chapter	Description	Page Number
	4.7 Brahmanbaria district Sadar, Nasirnagar, Kasba and Akhaura upazila minor irrigation development program	61
	4.8 Coxbazar district minor irrigation development program	62
	4.9 Sirajganj district water logging and minor irrigation development program	63
	4.10 Program of removing water logged area and irrigation area development of Abhaynagar upazila under Jessore district	64
	4.11 Pabna-nator district surface water reservation & irrigation extension program	65
	4.12 Minor irrigation development program for pirgonj upazila in rangpur district	66
	4.13 Dinajpur district minor irrigation development program	67
	4.14 Kurigram district minor irrigation development program	68
	4.15 Chuadanga-Meherpur district minor irrigation development program	69
	4.16 Minor irrigation development program by using solar energy in Dhaka division	70
	4.17 North Tangail district flood plain & hilly area minor irrigation development program	71
	4.18 Tangail district char area development program	72
	4.19 Sherpur district char & hill area development program	73
	4.20 Jamalpur district char area development program	74
	4.21 Program for increasing crop production & char area minor irrigation development in Noakhali district	75
	4.22 Gaibandha district char area minor irrigation development program	76
	4.23 Rajbari district minor irrigation development program	77
	4.24 Minor irrigation development program in Sunamgonj Sadar and Bishwamborpur upazila of Sunamgonj district	78
	4.25 Comilla district Langolkot & south Sadar (part) upazila minor irrigation development program	79
	4.26 Comilla district Chowdhagrem upazila minor irrigation development program	80
	4.27 Comilla district Debidwar upazila minor irrigation development program	81
	4.28 Program for river bank protection in connection point of sumessuri and kongs of Purbodhala upazila of Netrokona district minor irrigation development program	82
	4.29 Comilla district Burichong- Brahmanpara upazila minor irrigation development program	83
	4.30 Comilla district Daudkandi-Megna-Titas upazila minor irrigation development program	84
	4.31 Chandpur district ground and surface water management development program	85
	4.32 Noakhali and Fni district minor irrigation development program	86

Chapter	Description	Page Number
	4.33 Minor irrigation development program in Beanibazar upazila of Sylhet district	87
	4.34 Minor irrigation development program in Derai and Shulla upazila of Sunamgong district	88
	4.35 Minor irrigation development program in Chhatak and Doarabazar, upzilla of Sunamgonj district	89
	4.36 Program for agricultural production and dewatering of waterlogged area in Mirshrai upzilla under Chittagong district	90
	4.37 Habiganj district minor irrigation development program	91
	4.38 Minor irrigation development program in Jamalgonj upazila of sunamgong district	92
	4.39 Program for extension of irrigated area by using artesian tube well	93
	4.40 Dhanbari and Madhupur upazila of Tangail district minor irrigation development program	94
	4.41 Program for minor irrigation development and agricultural land protection of Tangail district	95
	4.42 Mymensingh district 3 hilly upazila agricultural & minor irrigation development program	96
	4.43 Itna and Austagram upazila haor area minor irrigation development program of Kishoreganj district	97
	4.44 Mitamain upazila haor area minor irrigation development program of Kishoreganj district	98
	4.45 Nikly, Bajitpur & Katiadi upazila minor irrigation development program of kishoreganj district	99
	4.46 Perojpur district Najirpur upazila minor irrigation development program	100
	4.47 Program for removing waterlogged area and increasing agricultural production by using surface water of Khulna-Bagerhat-Satkhira district	101
	4.48 Barguna Sadar upazila minor irrigation development program under Barguna district	102
	4.49 Amtoli upazila of Burguna district minor irrigation development program	103
	4.50 Bamna and Patharghata upazila minor irrigation development program under Barguna district	104
	4.51 Patuakhali Sadar and Dumki upazila minor irrigation development program	105
	4.52 Baufol upazila minor irrigation development program under Patuakhali district	106
	4.53 Dasmina upazila minor irrigation development program under Potuakhali district	107
	4.54 Galachipa upazila minor irrigation development program under Patuakhali district	108
	4.55 Kolapara and Rangabali upazila minor irrigation development program under Patuakhali district	109

Chapter	Description	Page Number
	4.56 Barishal district Gournadi–Agoilzara upazila minor irrigation development program	110
	4.57 Barisal district Babugonj upazila minor irrigation development program	111
	4.58 Using surface water at Bakergonj upazila, Barisal district, minor irrigation development program	112
	4.59 Perojpur district Perojpur Sadar-Bhandaria-Mathbaria puazilla minor irrigation development program	113
	4.60 Jhalokathi district Jhalokathi Sadar-Nalcity upazila minor irrigation development program	114
	4.61 Jhalokahi district Rajapur-Kathalia upazila minor irrigation development program	115
	4.62 Bhola district char anchal irrigation area development program	116
	4.63 Minor irrigation development program for Rangpur district	117
	4.64 Program for observation of underground saline water intrusion and dug well for irrigation	118
	4.65 Surface -water reservation and minor irrigation extension program for Gopalganj district	119
	4.66 Surface water reservation and minor irrigation extension program for Madaripur- Sharitpur district	120
	4.67 Program for removing water logged area and irrigation area development of Magura district	121
	4.68 Expansion of surface water use and irrigation efficiency in Gaibandha district minor irrigation development program	122
	4.69 Program for enhancing production by utilizing surface and sub-surface water at Nobinogor (west) and Bancharampur upazila and Brahmanbaria district	123
	4.70 Minor irrigation development program in Bishwanath and Balagonj upazila under Sylhet distreict	124
	4.71 Betagi upazila of Burguna district minor irrigation development program	125
	4.72 Program for removing water logged land and irrigation development in Chaugacha-Jhikargacha upazila of Jessore district	126
	4.73 Brahmanbaria district Nabinagar (west) upazila minor irrigation development program	127
	4.74 Chattagong district Sondap upazila minor irrigation development program	128
	4.75 Chattagong district Raujan upazila minor irrigation development program	129
	4.76 Chattagong district Hathazari upazila minor irrigation development program	130
	4.77 Narsingdi district minor irrigation development program	131
	4.78 Narsingdi Sadar upazila minor irrigation development	132

Chapter	Description	Page Number
	program	
4.79	Comilla district Muradnagar upazila minor irrigation development program	133
4.80	Bagharpara upazila Jessore district minor irrigation development program	134
4.81	Shrinagar and Sirajdikhan upazila Munshigong district minor irrigation development program	135
4.82	Irrigation expansion, water management & minor irrigation development program for Mithapukur & Pirgonj upazila of Rangpur district	136
4.83	Arihajar upazila of Narayangong district minor irrigation development program	137
4.84	Comilla district Laksham-Monohorgong upazila minor irrigation development programme	138
4.85	Mymensingh district Sadar, Trisal & Gouripur upazila agricultural & minor irrigation development program	139
4.86	Barishal district Wazipur- Banaripara upazila minor irrigation development program	140
4.87	Rangunia upazila of Chittagong district surface water irrigation development program for food security	141
4.88	Program for enhancing production by utilizing surface water at Nabinagar (east) upazila minor irrigation development program under Brahmanbaria district	142
4.89	Brahmanbaria district's Bijoyagar upazila minor irrigation development program	143
4.90	Minor irrigation development program for Gangachara upazila of Rangpur district	144
4.91	Nilphamari district minor irrigation development program	145
4.92	Bogra districts chor area minor irrigation development progra	146
4.93	Bogra districts Sariakandi, Sonatola & Dhunot upazila minor irrigation development program.	147
4.94	Barishal district babugong – Muladi upazila minor irrigation development program	148
4.95	Kishoregong district haor area minor irrigation development program	149
4.96	Program for mitigation of water logging and minor irrigation development in Noakhali district	150
Chapter-5	IRRIGATION SECTOR PROJECT UNDER ADP	151-
5.1	Construction of Rubber dam for small and medium Rivers for increased crop production	152
5.2	Mujibnagar Integrated Agricultural Development Project	153
5.3	Chittagong Hill Tracts Integrated Agricultural Development Project	154
5.4	Intregrated Agricultural Productivity Project	155-156
5.5	Intregrated Agricultural Project in Perojpur-Gopalgonj-Bagerhat	157

Chapter	Description	Page Number
	5.6 Ashugonj Polash-Agro-Irrigation Project	158
	5.7 Innovative use of Surface Water Project	159
	5.8 Greater Bogra-Rangpur-Dinajpur Districts Integrated Area Development	160
	5.9 Greater Mymensingh-Tangail Districts Integrated Agricultural Development Project Project	162
	5.10 Greater Khulna-Jessore-Kushtia Districts Integrated Agricultural Development Project	163
	5.11 Expansion of Irrigation through Utilization of Surface Water by Double Lifting	165
	5.12 Project for enhancement of Agricultural production and poverty Alleviation by introducing Force Mode Tube well	167
	5.13 Project of Activating Inoperable Deep Tube well of BADC for Irrigation	168
	5.14 Greater Dhaka Irrigation Area Development Project	170
	5.15 Pabna-Natore – Sirajgonj Minor Irrigation Development Project	171
	5.16 Greater Faridpur District Minor Irrigation Development Project	172
	5.17 Survey and Monitoring Project for Development of Minor Irrigation	173
	5.18 Eastern Integrated Irrigation Development Project	174
	5.19 Improving Surface Water Irrigation in Coastal Areas and Sylhet Division Project	176
Chapter-6	FERTILIZER	177
Chapter-7	TRAINING	178-180
Chapter-8	FINANCE	181
APPENDICES		182-184

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 stabilize and ensure food security.

For the development of agriculture, availability of quality seeds is the 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 its seeds as **“Standard Quality.”** BADC has experienced, trained and skilled human resources, modern facilities like 33 foundation seed multiplication farms, 73 contract growers zones, 58 modern and scientific seed processing & preservation centers, seed quality testing laboratories, a well developed marketing networks consisting of 100 seed sale centers, 7515 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 up the national requirements of quality seeds. BADC has attached emphasis and priorities to produce and supply of more foundation seeds. To cope with climatic vulnerabilities, BADC is also multiplying and distributing seeds of different crop varieties resilient to climate changes. 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 multiplications 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 in the seed supply chain. The quality seeds of BADC contribute to increase crop production significantly, help in filling the gap between requirement and availability and can balance the equation. Promotion of quality seed, therefore, is 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 or 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 and thus 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 saying, 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 the 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 seeds can greatly help achieve 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 is 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 assumedly 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 seed is the major factor for low productivity of crops. Unless all the seeds that we put to our soil are of quality seed, our challenges 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 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 the 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 seed and multiply-foundation seed, certified seed and truthfully labeled seed.
 - Undertaking inspections, quality checks and testing of seeds at different stages and 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 continually improve the farmer's satisfaction.
- e. To uphold the Brand name of BADC's Seed.

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 13.80 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 33 Seed Multiplication Farms and 75 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 to check 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 13 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 7525 registered Seed Dealers of BADC spread out to rural areas all over the country who account 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 to production seeds of different crops to meet up the emergency crisis of seeds during untoward natural calamities like floods, drought, salinity and other abiotic stresses. After independence of Bangladesh in 1971, the BADC in the Financial Year 1974-75 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.

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 could have successfully increased the supply of quality seeds to the quantity of 103572 MT in FY 2009-10, 130452 MT in FY 2010-11, 144197 MT in FY 2011-12 and 127968 MT in FY 2012-13. Keeping this in view to help 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 2,49,800 MT of quality seeds by vision 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	3
Vegetable Seed Multiplication Farms	2
Potato Seed Multiplication Farms	2
Horticulture Development Centers	9
Agro-Services Centers	13
Contract Growers Zones (for all kind of seeds)	73
Seed Processing and Preservation Centers (along with seed testing mini laboratories at each of the centers)	58
Potato Seed Cold Storages	19
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	7525

1.6 BADC seed system

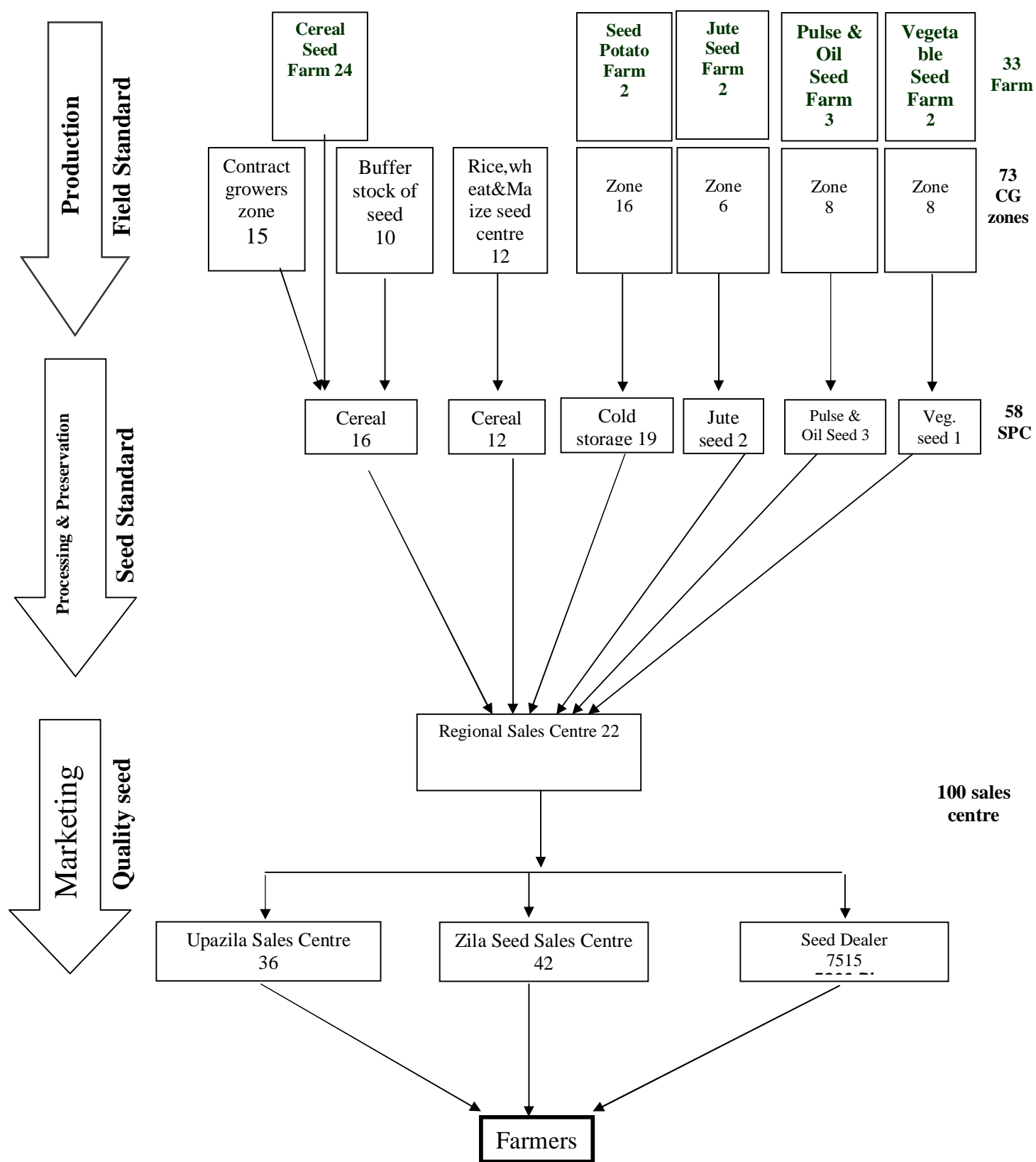
BADC has developed a very organized supply chain of quality seeds. In this supply chain, BADC initially collects high quality Breeder Seed (BS) of improved varieties from National Agricultural Research System (NARS) like BRRI, BARI, BINA, BJRI and as well as from Agricultural Universities and multiply those BS through production of quality Foundation Seed (FS) at the BADC's own 32 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 Labelled Seed (TLS) through 75 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 52 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, and 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 networks across the country. There are 22 Regional Seed Marketing Offices (RSMO) of BADC, under those RSMOs there are 22 Regional Seed Sales Centers

(RSSC), 42 District Seed Sales Centers (DSSC) and 36 Upazila Seed Sales Centers (USSC). Under the seed supply chain of BADC, there are 7515 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 interval. 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 to FS and thereby from FS to CS and TLS by following 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.

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



Seed Production and supplied by BADC during the FY 2012-13 (Figure in MT).

SL No	Name of the crop	Area (lac hec.)	Agronomic requirement of Seed (MT)	2012-13			
				Production	%	Supply	%
1	Aus (HYV)	9.00	22500	3040	13.51	2596	11.50
2	Aman (Hyv)	40.15	100375	21661	21.58	21671	21.60
3	Boro (HYV)	40.75	101875	59629	58.53	59959	58.90
4	Boro (Hybrid)	6.60	11220	893	7.95	893	8.0
Total rice Seed		96.50	235970	85223	36.11	85119	36.10
5	Wheat	3.75	56250	18882	33.56	18852	33.50
6	Maize	2.40	8400	184	2.19	184	2.20
Total cereal Seed		102.65	300620	104289	34.69	104155	34.60
7	Seed potato	4.60	575000	19322	3.36	19322	3.40
8	Pulse Seed	7.00	23184	1699	7.32	1699	7.30
9	Oil Seed	7.56	18144	1469	8.09	1469	8.10
10	Jute Seed	7.16	6158	1094	17.76	1094	17.80
11	Vegetable Seed	7.63	2854	126	4.41	126	4.40
12	Spices Seed	5.31	165433	103	0.06	103	0.10
Grand Total		141.91	1091393	128102	11.73	127968	11.72

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 the inception of BADC in the year 1961-62. At present, BADC has 23 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

- Multiplication of breeder seeds to foundation seeds.
- Multiplication of foundation seeds to certified seeds.
- Imparting training to seed growers relating to modern seed production technologies & techniques.
- Making foundation seeds available to the organized seed growers.
- Carrying out observation and adaptive trials, selection of improved varieties and building up stock of foundation seeds.
- In-service training to officials and field staff of BADC on scientific and modern seed production technologies, and farm management.
- Production of hybrid rice seeds and maize seeds.
- Multiplication of 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's Bazar	Cox's Bazar
Khulna	Jhenaidha	Maheshpur, Jhenaidha sadar
	Chuadanga	Chuadanga sadar
	Meherpur	Meherpur sadar
Barishal	Barishal	Barishal sadar

- 1.4 Program period : July 2012 to June 2013
- 1.5 Estimated cost of the program : Tk.956.00 lac
- 1.6 Allocation of the program in FY 2012-13 : Tk.956.00 lac
- 1.7 Expenditure of the program in FY 2012-13 : Tk.956.00 lac
- 1.8 Physical progress of the program in FY 2012-13 : 100%

1.9 Seed multiplication farms

The seed multiplication farms program comprises of 24 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 machineries and equipments 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 1.1 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	Godaipur, 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	Gabtol, 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, Barisal	33.95	21.88
23	Thakurgaon	Thakurgaon, Thakurgaon	40.49	28.34
24	Dasmina	Dasmina, Patuakhali	1044	220.00
Total:			3292.80	2021.79

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 24 farms is 3292.80 hectares, out of which the total cultivable land is 2021.79 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 FY 2011-12 and actual production of FY 2010-11 are shown in Table 1.2

Table 1.2 Target and actual production of seeds during the FY 2012-13

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Aus	750	756	100.80
Aman	3119	2757	88.39
Boro	2062	1803	87.44
Wheat	783	607.75	77.62
Maize	80	65	81.25
Potato	1668	1547	92.76
Pulse & oil	37	25	67.57
Boro hybrid	1505	1530.83	100.53
Other new variety	444	349.06	78.62
	10448	9440.94	90.19

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 seeds produced in BADC's seed multiplication farms are not sufficient enough to meet up the national requirement of seed. 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 seed by the selected farmers in different area 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 is more systematic, organized and effective than earlier system. The project was included in the revenue program in FY 2003-04.

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, Jhenidah, Meherpur, Jessore.
Barishal	Barishal
Sylhet	Brahmanbaria, Habiganj, Moulovibazar, Sylhet
Rajshahi	Pabna, Rajshahi, Natore, Chapainababgong, Bogra
Rangpur	Gaibandha, Rangpur, Nilphamari, Dinajpur, Thakurgaon and panchorgor.

2.4	Program period	:	July 2012 to June 2013
2.5	Estimated cost of the program	:	Tk.216.00 lac
2.6	Allocation of the program in FY 2012-13	:	Tk.216.00 lac
2.7	Expenditure of the program in FY 2012-13	:	Tk.216.00 lac
2.8	Physical progress of the program in FY 2012-13	:	100%

2.9 Contract Growers Zones

To produce certified seed and truthfully labeled seed 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 growers zones with command area and the number of contract growers is 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.Barria)	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 have 15 contract growers zones all over the country. Under this project, 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 rice and wheat seeds produced through contract growers during FY 2011-2012 and actual production of FY 2010-2011 are shown in Table 2.2

Table 2.2 Target and actual production of seeds during the FY 2012-13

Figure in MT

Name of Seed	2012-13		Achievement in percentage
Aus	Target	Actual	
Aman	352	219	62.20
Boro	9310	8375	89.90
Wheat	29747	29547	99.30
Maize	65	62	95.40
Total	54459	53580	98.40

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 by BADC, processed (cleaning, drying, grading, 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 marketing channel. The first stage of the program is collection of seeds from SMFs and CGZs and send 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 and scientific seed processing, preservation and seed testing facilities. There is one seed testing laboratories at each of the 16 SPC, and also a well equipped high standard Central Seed Testing Laboratory at Gabtoli, Mirpur, Dhaka. The seed quality tested at individual seed testing centers of 16 SPC is monitored through sample testing of seeds at the Central Seed Testing Laboratory.

3.2 Objectives of the program

- Foundation, certified and truthfully labeled cereal seeds produced by the other seed production program of BADC will be procured, processed and preserved at different seed processing centers;
- Procurement, processing and preservation of cereal seeds;
- The produced seeds after processing and preservation will be packed and dispatched to the different Regional Seed Storages and from there these seeds will be distributed to the dealers, farmers and private sectors through Seed Distribution Division;
- The quality of the seed will be tested at the Seed Testing Laboratories of the 16 Seed Processing Centers. The seed quality standard will be monitored through sample seed testing at the Central Seed Testing Laboratory, at Gabtoli, Mirpur, and Dhaka;
- A well managed nationwide dealer networks will be developed and the efficiency of the dealers will be upgraded through regular training for effective seed distribution;
- Up-scaling the efficiencies of the officers and staff of BADC through various regular training on seed technology, skilled manpower will be developed in the country;
- Necessary seed processing, preservation, and seed testing facilities will be provided to the private sector;
- Necessary technical guidance and farmers training will be provided to the private seed producers on quality seed production, processing and preservation; and
- To help the country 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. The BADC has established 16 seed processing centers having with a mini seed testing laboratory at each SPC situated at different locations of the country. There is one highly scientific and modern central seed testing laboratory at Gabtoli, Mirpur, Dhaka. The success of this program is that BADC could have made available a total quantity of 76,864 MT quality seeds of Rice (Boro, Aman, and Aus), Wheat and Maize to the farmers. The seeds are distributed to the farmers through total 100 seed sales centers across the country. The location of 100 seed sales centers are (a) 64 District Seed Sales Centers located at each District Headquarters and (b) 36 Upazila Seed Sales Centers located at remote areas of Upazila.

3.4 Location of the program

Division	District	Upazila
Khulna	Meherpur	Sadar
	Jessore	Sadar
	Chuadanga	Sadar
Chittagong	Chittagong	Sadar
	Comilla	Sadar
Rajshahi	Pabna	Sadar
	Rajshahi	Sadar
Dhaka	Dhaka	Sadar
	Tangail	Modhupur
	Faridpur	Sadar
Barishal	Barishal	Sadar
Sylhet	Hobigonj	Madhapur

- 3.5 Program period : July 2012 to June 2013
- 3.6 Estimated cost of the program : Tk.24298.70 lac
- 3.7 Allocation of the program in FY 2012-13 : Tk.24298.70 lac
- 3.8 Expenditure of the program in FY 2012-13 : Tk.23962.72.00 lac
- 3.9 Physical progress of the program in FY 2012-13 : 100%

3.10 Procurement

The foundation seed produced at different seed multiplication farms of BADC. The certified seed and truthfully labeled seed are produced through 15 contract growers' zones. The seed 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 2011-12 and actual procurement in 2010-11.

3.11 Processing and preservation

With a view to maintaining 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 facility 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	Hobiganj	1700	100	1800
16.	Chittagong	Chittagong	1500	-	1500
Total:			54,550	7,000	61,550

The seeds produced at seed multiplication farms of BADC and contract growers zones are collected and transported to the 16 seed processing centers (SPC). At the 16 SPCs the collected seeds are properly processed, preserved and quality maintained through regular testing. The seed processing, preservation and quality control activities are done by experienced and technically sound personnel. The preserved quality assured seeds are distributed to the farmers through BADC well organized marketing networks across the country. The quantity of seeds preserved at 16 SPCs in FY 2011-12 is shown in Table-3.2

Table 3.2 The seed processing center-wise quantity of improved seeds, processed and preserved during the FY 2012-13

[Figure in MT]

Sl. Nos.	Name of SPC	Rice				Wheat	Maize
		Aus	Aman	Boro	Total	Local	Local
1	Bogra	9.36	472.17	1467.46	1949.00	385.02	-
2	Chittagong	17.52	396.39	421.64	835.56	-	-
3	Chuadanga	372.11	3371.15	8297.45	12040.72	5660.68	95.02
4	Comilla	11.96	421.03	1006.85	1439.84	-	-
5	Dhaka	2.86	124.46	880.64	1007.97	-	-
6	Dinajpur	20.99	1789.14	3872.84	5682.98	2324.50	-
7	Faridpur	22.52	347.01	2566.07	2935.61	1778.32	-
8	Itakhola	29.83	343.44	1176.42	1549.70	50.00	-
9	Jessore	212.40	1790.31	3389.20	5391.92	1289.06	7.20
10	Lakutia	-	54.84	6.42	61.26	-	-
11	Meherpur	230.48	725.42	1649.39	2605.31	1090.57	-
12	Madhupur	101.29	1198.70	7955.56	9255.56	206.58	16.62
13	Rajshahi	20.71	290.45	1373.35	1684.51	872.00	-
14	Rangpur	1.62	321.49	938.34	1261.45	26.71	-
15	Tebnia	118.15	633.33	2230.41	298.90	1116.47	3.81
16	Thakurgaon	7.05	403.16	1507.12	1917.33	3329.25	-
Total:		968.89	12682.54	38739.2	52390.65	18129.1	122.74

3.12 Distribution

The seed supply chain of BADC is maintained from the organized formal seed production, processing, preservation, quality control and ultimately to distribute assured quality seeds to the farmers. At each and every stage the quality is maintained as a result the BADC's 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 7,028 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 2012-13

Figure in MT

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Aus	1096	968	88
Aman	12393	10928	88
Boro	28329	27885	98
Wheat	15323	15838	103
Maize	149	123	83
Total	57290	55742	97

3.13 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 in order to provide technical support and services through imparting training to the human resources working in the private sector. The trainings include seed technologies on quality seed production, processing, preservation, and seed quality control. The contract growers’ farmers are also getting trainings on seed production technologies.

Table 3.4 Training Organized by BADC at Seed Testing and Training Center, Gabtali, Mirpur, Dhaka during the FY 2012-13

Sl No	Title	Participating Organization/ Group	No. of participants			Sponsored by	Duration of Training (days)
			Govt.	Private	Total		
1	Production planning of farm division of BADC	BADC	23	0	23	BADC	1
2	Management of contract growing of seed	BADC	227	0	227	EQSSP BADC	2
3	Cereal seed processing and preservation	Gov. org and Private seed company	8	17	25	MoA DANIDA	3
4	Vegetable seed processing and post harvest technology	Gov. org and Private seed company	25	0	25	MoA DANIDA	3
5	Harmonizing seed testing	Govt.org &Pvt. seed company	16	9	25	MoA DANIDA	3
6	Post graduate certificate course on seed technology	Govt.org &Pvt. seed company	17	0	17	MoA DANIDA	1
7	Potato and strawberry production technique through tissue culture	BADC	30	0	30	BADC	1
8	Hybrid rice seed production technology	BADC	25	0	25	BADC	3
Total:			371	26	397		

3.14 Service to private sector

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

Table 3.5 Quantity of seeds of private sector processed at different SPCs during the FY 2011-12 & 2012-13.

Sl. No.	Year	Name of agencies under Private Sector	Quantity of seed processed (in MT)	Service charges realized (in Lac Taka)
1	FY 2011-12	a) Contract Farmers b) Private Company c) NGO	72334.37	232.60
2	FY 2012-13	a) Contract Farmers b) Private Company c) NGO	187397.57	220.86

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 earning foreign exchange. Jute provides employment to a considerable labor force; at least 30% of the population in Bangladesh is involved in Jute sector. For quality jute, high quality jute seeds play important role in regulating crop growth and development. BADC multiplies breeder seed of jute at the foundation jute seed farms and also produce certified seeds through contract grower's zones.

4.2 Objectives of the program

- Multiplication of breeder seeds to foundation seeds;
- Multiplication of foundation seeds to certified seeds;
- Multiplication of certified seeds through contract growers and make available the improved quality jute seeds to the farmers;
- Training to contract farmers on jute seed production technologies and practices;
- Training 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
	Tangail
Rajshahi	Bogra
	Dinajpur
	Rajshahi
Khulna	Jessore
	Kushtia
	Meherpur

4.4	Program period	: July 2012 to June 2013
4.5	Estimated cost of the program	: Tk.454.00 lac
4.6	Allocation of the program in FY 2012-13	: Tk.454.00 lac
4.7	Expenditure of the program in FY 2012-13	: Tk.453.89 lac
4.8	Physical progress of the program in FY 2012-13	: 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 seed 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 jute breeder seed 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 grower's 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 FY 2010-11 and FY 2011-12 at BADC'S own farms and the contract growers zone are shown in Table 4.3.

Table 4.3 Target and actual production of jute seed during the FY 2012-13

Figure in MT

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Jute seed	354.00	389.00	110

4.12 Procurement and processing

BADC collect 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.

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-ASCs (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 SFYP (Second Five Year Plan) of the country, 12 more ASCs were established, as a result the total numbers of ASCs were increased to 16 (sixteen). The 9 ASCs out of 16 were transferred to the Horticulture Development Project (HDP) of BADC. Subsequently 3 new ASCs were established at Basisal, Patuakhali and Noakhali. Later one more ASC were transferred to HDP, hence finally the total number of ASC under the HDP are now 10 (ten). The 2 (two) ASCs located at Lama and Bandarban those 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 were included in the HDP. By the order of the Government one more centre was set up at Barguna for the period of FY 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). This nature of this project is program oriented, as a result for its continuation it was approved by ECNEC for the period of July 2000 to June 2005. This project has 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 quality of life of 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
Chittagong	Noakhali	Noakhali Sadar
	Bandarban	Lama
	Bandarban	Bandarban Sadar
Barishal	Barguna	Barguna Sadar
	Barishal	Barishal Sadar
	Patuakhali	Patuakhali Sadar

- 5.4 Program period : July 2012 to June 2013
- 5.5 Estimated cost of the program : Tk.236.00 lac
- 5.6 Allocation of the program in FY 2012-13 : Tk.236.00 lac
- 5.7 Expenditure of the program in FY 2012-13 : Tk.236.00 lac
- 5.8 Physical progress of the program in FY 2012-13 : 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, Barishal	6.16	7,874
12.	Of khalishaof khali, Patuakhali	4.61	7,874
13.	Barguna, Sadar	4.72	7,874
	Total :	85.05	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 has 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 is shown the name of the ASC, its demonstration area and command area.

Table 5.2 Target and actual production of seed during the FY 2012-13

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Vegetable (MT)	48500	53349	110
Spices(MT)	340	415	122
Vegetable Seedlings(000)	3800	3100	82
Grafts/Gooties(Nos)	3100	2950	95
Coconut seedlings(Nos)	250	250	100
Production of fruits	910	1100	120

5.9 Marketing

Marketing plays a vital role in the activities of supplying produces to the consumers. BADC, side by side, 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 areas has further improved with the improvement of transport facilities in the area.

5.10 Training

The Agro -Service Centers (ASCs), 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 farmers 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.

6. NATIONAL VEGETABLE SEED PROGRAM

6.1 Introduction

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

6.2 Objectives of the program

- To increase production, processing, preservation, quality control and supply of foundation and truthfully labeled seeds of improved varieties of summer and winter vegetable;
- To provide support service to the private sector and NGOs for vegetable seed processing, preservation, seed testing and quality control; and
- To provide training to the farmers on quality vegetable seed production and also provide them support services for processing, preservation, seed testing and quality control.

6.3 Location of the program

Division	District	Upazila
Rajshahi	Rangpur	Rangpur sadar
Khulna	Meherpur	Amjhupi

6.4	Program period	: July 2012 to June 2013
6.5	Estimated cost of the program	: Tk.317.00 lac
6.6	Allocation of the program in FY 2012-13	: Tk.317.00 lac
6.7	Expenditure of the program in FY 2012-13	: Tk.317.00 lac
6.8	Physical progress of the program in FY 2012-13	: 100%

6.9 Activities of the program

- Multiplication of high yielding modern varieties of vegetable seeds and distribution 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 appropriate vegetable seed processing, preservation, seed testing and quality control;
- Training to the farmers, private sector, NGOs and seed dealers on vegetable seed technologies; and
- Provide technical assistance to the private sector and NGOs for the development of seed industries.

6.10 Vegetable seed farms

The vegetable seed program had been implementing through quality vegetable seed production of improved varieties at two vegetable seed farms located at Rangpur and Meherpur, 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 and Dhaka.

Table 6.1 Target and actual production of seeds during the FY 2012-13

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Winter vegetable	74.22	74.10	100
Summer vegetable	51.21	51.40	100
Totalc	125.43	125.51	100

6.11 Private sector service

Support services provided to the private sector for preservation of vegetable seeds in FY 2011-12 are shown in Table 6.3

Table 6.3 Vegetable seed preservation facilities provided to the private sector in FY 2012-13

Figure in

Kg

Sl. No.	Name of the Private Sector	Vegetable Seed Preserved	Quantity
1.	SB Group care Int. Ltd.	Vegetable seed	217.220
2.	Borno shorno seed	Vegetable seed	206.200
3.	Agriconcern Ltd.	Vegetable seed Water melon seed	44.72
4.	Masud Seed Company	Vegetable seed	505.00
5.	Pairst agro Ltd.	Vegetable seed	92.00
6	Alauddin Seed Co.	Vegetable seed	192.00
7.	Alamgir seed	Vegetable seed	438.77
8.	Momin beeg Ghar	Vegetable seed	732.00
9	Rajdhani Seed co	Vegetable seed	1397.00
Total			3824.91

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 incurr innumerable losses. The consequence of the natural calamities is that the post calamity agricultural rehabilitation program badly suffers due to shortage of quality seeds of improved varieties. Keeping this in view to overcoming the seed shortage due to natural calamities and to help maintain 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 had been 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 of this program, BADC had attached priority to continue the program from July, 2005 to June 2010. BADC had also 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 maintaining 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	Upazila	Zone
Dhaka	Tangail	Modhupur	Modhupur
	Tangail	Tangail sadar	Tangail
	Jamalpur	Jamalpur sadar	Jamalpur
	Kishoregonj	Kishoregonj sadar	Kishoregonj
Khulna	Jessore	Monirampur	Jessore
Khulna	Chuadanga	Chaudanga sadar	Chuadanga
Sylhet	Hobigonj	Madhabpur	Itakhula
Rajshahi	Thakurgoan	Thakurgoan sadar	Thakurgoan
Barishal	Jalokati	Jalokati	Jalokati
Barishal	Potuakhali	Potuakhali	Potuakhali

7.4	Program period	: July 2012 to June 2013
7.5	Estimated cost of the program	: Tk.3407.32 lac
7.6	Allocation of the program in FY 2012-13	: Tk.3407.32 lac
7.7	Expenditure of the program in FY 2012-13	: Tk.2976.93 lac
7.8	Physical progress of the program in FY 2012-13	: 100%

7.9 Seed production zones

The buffer stock of seed and its management program, at present, has been implementing through ten contract growers zones, the number of contract farmers involved with this program are 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 grower's 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	1518
2	Itakhola, Habiganj	925.50	526
3	Jessore	1393.52	729
4	Thakurgaon	874.90	314
5	Chuadanga	1446.56	412
6	Tangail	444.53	464
7	Jamalpur	461.54	131
8	Kishoreganj	121.46	67
9	Patuakhali	64.78	25
10	Jhalokathi (Barisal)	38.46	21
Total :		6,969.23	4207

Table 7.2 Target and actual production of seed during the FY 2012-13

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Aman	1899	1378	73
Boro	8000	7880	99
Wheat	1895	2020	107
Total	11794	11278	96

Table 1.4 Target and actual farmers training during the FY 2012-13

Name of training courses	2012-13		Achievement in percentage
	Target	Actual	
Farmers training	375	375	100

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 has undertaken a number of projects under ADP on different important development sectors. As a continuous process of development activities, a good number of projects have been undertaken by the BADC the under ADP of Ministry of Agriculture for the greater interest of quality seed production, processing, preservation, quality control and distribution this 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 of Crop Sector under Annual Development Program (ADP) during the Financial Year 2012-13

1. Pulse & Oil Seed Project;
2. Improvement and Quality Seed production of Rice, Wheat and Maize project;
3. Integrated Quality Horticulture Development Project;
4. Tuber Crops Development Project;
5. Development & Multiplication of Agricultural Seed;
6. Private Seed Sector Development Project;
7. Enhancing Quality Seed Supply Project;
8. Establishment of Integrated Seed Cold Storage Complex at Kurigram; and
9. Establishment of Seed Multiplication Farm in the Southern Costal Region.

1. PULSE AND OIL SEED PROJECT

1.1 Introduction

Bangladesh is deficit in edible oil and pulse production. According to WHO/FAO the daily requirements of edible oil are 22g/h/d and pulse are 45g/h/d to fulfill the daily nutritional requirements. In Bangladesh, the present consumption of edible oil is around 12 g/h/d and pulse is around 10 g/h/d. At present, we have to import sufficient quantities of oilseeds, crude oil and grain pulses to meet up the national deficiency in edible oil and pulses. There is enormous potentiality because the agroclimatic conditions and agro-ecological zones are suitable to produce oilseeds and pulses in Bangladesh. There are improved varieties and technologies by which at least one-third of requirements can be fulfilled through local production of oilseeds and pulses. The productivity of oilseed and pulse production per unit area is poor because of non-availability of required quantity of quality seeds. Protein and fat are the essential nutrients for human body. The main sources of plant protein and plant fat are pulse and oil seed crops. Now many pulse and oil crops are cultivated in Bangladesh. Pulse crops are grass pea, lentil, mugbean, blackgram, chickpea, pea, cowpea and others; oil crops are mustard, sesame, groundnut, soybean, sunflower & others. For balance nutrition and to reduce the import of edible oil and pulses, intensifying the production of pulse and oil crops for making the country self sufficient in production of these two crops is required. With a view to overcoming the dilemma of shortage of quality seed, BADC took the initiative and launched a proactive and well-thought visionary Project namely “Production, Processing and Distribution of Quality Pulse and Oilseeds” during the Second Five Year Plan period of 1980-85. Having inspired with the successful impact, the Project was continued up to 2004-2008 period. During the Bridge Phase of 2008-09 the Project had been implemented through BADC’s own fund. Taking into active consideration of the national interest for supporting the country to minimize import basket of oilseed and pulse by infusion of efforts for increasing local production, the Project was highly appreciated and approved in the ECNEC for its continuation from the period of July 2009 to June 2014 with the target of production of 13,880 MT of quality pulse and oilseeds by BADC.

1.2 Objectives of the project

- To ensure supply of 3,435 MT of quality foundation seed and 10,445 MT of truthfully labeled seed of pulse & oil seeds to the farmers;
- To develop facilities for processing, preservation, quality control of pulse and oil seeds;
- To impart train to the contract growers, private seed entrepreneurs and NGOs on seed production, processing and preservation of pulse and oilseeds;
- To ensure supply of FS and TLS of pulse and oil seed to different programs of the Government for increasing national production;
- To distribute FS and TLS of pulse and oil seed to the different organizations for implementing the action plan program for increasing national pulse and oil crop production; and
- To double the pulse and oil crop production as per Government policy through crop diversification PROGRAM.

1.3 Location of the project

Existing	Division	District	Upazila
Farms	Rajshahi	Pabna	Sadar(Tebunia)
	Khulna	Meherpur	Sadar(Amjhupi)
	Dhaka	Faridpur	Sadar(Domarkandi)
Contract Growers Zone	Dhaka	Narshingdi	Sadar(Brammondi)
	Chittagong	Brahmanbaria	Sadar(Shimrailkandi)
	Rajshahi	Rajshahi	Sadar(Terokhadia)
	Dhaka	Tangail	Sadar(Kagmari)
	Chittagong	Feni	Sadar(Mohipal)
	Rajshahi	Pabna	Sadar(Tebunia)
	Khulna	Meherpur	Sadar(Amjhupi)
	Dhaka	Faridpur	Sadar(Domarkandi)
	Barishal	Barishal	Sadar(Ladies park)
Seed Processing Centres	Rajshahi	Pabna	Tebunia
	Khulna	Meherpur	Amjhupi
	Dhaka	Narshingdi	Brammondi

1.4 Project period : July 2009 to June 2014

1.5 Estimated cost of the project : Tk.9882.01 lac

1.6 Allocation of the project in FY 2012-13 : Tk.1850.00 lac

1.7 Expenditure of the project in FY 2012-13 : Tk.1849.79 lac

1.8 Physical progress of the project in FY 2012-13 : 100%

1.9 Activities of the project

- Production of 3,435 MT of FS and 10,445 MT of TLS of pulse & oil seeds;
- Providing training to 3,000 contract growers and 60 officials and staff of BADC;
- Procurement of different agricultural machineries and implements such as tractor, power tiller, disc harrow and disc plough, rotavator, cleaner-cum-grader, dehumidifier, seed dryer, deep tube well, vehicles, generator etc; and
- Construction of seed storage buildings (1000 MT), office rooms, farmers training rooms, inspection rooms, covered and open threshing floors.

1.10 Seed production zones

Under the project, there are eight contract grower zones with a command area of 4,438.87 hectares and number of farmers involved is 3,340. The list of CGZs is shown in Table 1.1

Table: 1.1 Farm area, command area, no. of scheme, contract growers and storage facilities under Pulse and Oil Seed Project.

Sl. No s.	Location of the office	Area (ha)	Command area(ha)	No. of Scheme	No. of contract growers	Storage capacity (MT)
1.	Amjhupi Farm, Meherpur	22.63	-	-	-	-
2.	Tebunia Farm, Pabna	14.98	-	-	-	-
3.	Faridpur Farm	10.32	-	-	-	-
4.	Amjhupi Seed Processing Center, Meherpur	-	-	-	-	550
5.	Tebunia Seed Processing Center, Pabna	-	-	-	-	750
6.	Narsingdi Seed Processing Center, Narsingdi	-	-	-	-	350
7.	Amjhupi Contract Growers Zone, Meherpur		830.77	107	1919	-
8.	Tebunia Contract Growers Zone, Pabna		1080.57	96	660	-
9.	Narsinghdi Contract Growers Zone		868.42	59	1270	-
10.	Brahmanbaria Contract Growers Zone		639.27	54	264	250
11.	Feni Contract Growers Zone		834.41	73	594	400
12.	Tangail Contract Growers Zone		357.84	67	379	500
13.	Rajshahi Contract Growers Zone		379.35	124	1304	400
14.	Faridpur Contract Growers Zone		278.95	93	472	400
	Total		4438.87	673	6862	3600

Table 1.2 Target and actual production of seed during the FY 2012-13

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Pulse seed	1550	1737	112
Oilseed	1450	1429	99
Total	3000	3166	106

Table 1.3 Target and actual farmers training during the FY 2012-13

Name of training courses	2012-13		Achievement in percentage
	Target	Actual	
Pulse and oil seed production technology	640	640	100

2. IMPROVEMENT AND QUALITY SEED PRODUCTION OF RICE, WHEAT AND MAIZE PROJECT

2.1 Introduction

Seed is one of the basic inputs of crop production. Crop production is not possible without seed. To get the highest yield of the crop it is necessary to ensure use of improved quality seed and other related agricultural inputs in a balanced way. Crop production can be increased by 20-25% by using quality seed. Seed of local improved and popular varieties as well as HYV if produced at low cost and procured, preserved as well as timely supplied at a lower price, will help boost overall crop production in the country. For this, the program for production, preservation and distribution of seed can be strengthened by organizing the farmers of different areas. Seed has continued to be regarded as the only living input for agricultural production. Quality seeds have been playing a vital role in increasing food production. If seed is not good then the use of other inputs i.e. fertilizer and irrigation cannot act properly in production, rather it becomes wastage. But in this country, the use of tested and improved quality seed is limited. BADC is the main source of improved quality seed in public sector. As farmers are using quality seeds gradually instead of local variety, the demand for improved quality seeds is increasing day by day. But the quality of seed supplied through organized seed management is not sufficient.

At present, HYV cultivation covers an area of 60 percent of the total land in the country. Of the total requirement of HYV seed in the year 2011-12, only about 32.80% of rice seed, 24.10% of wheat seed, 3.5% of maize seed, 1.80% of seed potato, 14.30% of jute seed, 6.20% of pulse seed, 6.0% of oil seed and 3.80% of the vegetable seeds, are supplied by BADC. As BADC supplies quality seeds, the demand for the same has become higher. But as the supply of quality seed is less than the demand, the farmers are unable to purchase required quantity of seeds. So, on many occasions they are compelled to buy low quality seeds from the open market at higher prices.

BADC supplies yearly about 1,40,000 MT. of foundation, certified and TLS seeds to the farmers. The Ministry of Agricultural (MOA) has a vision to increase quality seed (foundation/certified/TLS) production of BADC from 10-20%. For this, BADC has undertaken different programs of increasing its seed supply up to 1.60 lakh tons within FY 2013-2014 by its various projects and programs to meet up the national demand.

2.2 Objectives of the program

- To produce and procure 1,40,00 metric tons of quality cereal seeds (paddy, wheat, maize) by the project period through contract growers;
- To examine the quality of procured seeds and ensure proper processing preservation as well as distribution of the procured seeds to the farmers;
- To assist the execution of enhanced program of seed production, procurement, preservation and distribution of the Government;
- To impart training and technical backup to the project personnel, farmers and private entrepreneurs for quality seed production and utilization; and
- To provide service to the private seed entrepreneurs in respect of seed production, procurement, processing, preservation and quality control of their seed.

2.3 Location of the project

Division	District	Upazila
Dhaka	Dhaka	Dhaka
	Mymensingh	Mymensingh Sadar, Haluaghat, Dhobaura, Phulpur, Gouripur, Ishwarganj, Ghafargaon, Bhaluka, Phulbaria, Muktagacha, Trisal, Nandail
	Gazipur	Gazipur Sadar, Sheripur, Kaliakoir, Kapashia, Kaliganj
	Tangail	Mirzapur
	Narsingdi	Monohordi and Polash
	Jamalpur	Jamalpur Sadar, Melandeha, Madarganj, Islampur, Dewanganj, Bokshiganj, Sarishabari
	Sherpur	Sherpur Sadar and Nakla
	Netrokona	Netrokona Sadar, Barhatta, Mohangang, Atpara, Kendua, Modon, Khaliajuri, Purbofholo, Durgapur, Kolmakanda
	Kishoreganj	Kishoreganj Sadar, Karimganj, Tarail, Itana, Mitamain, Astagram, Nikli, Bajitpur, Pakundia, Hossainpur, katiadi, Kuliarchar, Bhairab.
Khulna	Chuadanga	Chuadanga Sadar, Damurhuda, Jibonnagar, Alamdanga.
	Meherpur	Meherpur Sadar
	Jhenidah	Jhenidah sadar and Moheshpur
	Satkhira	Satkhira Sadar, Kolaroa, Tala, Deuhata, Kaliganj, Shyamnagar, Ashashuni
	Khulna	Dumuria, Paikgachha and koira
	Jessore	Sharsa
Rajshahi	Rangpur	Rangpur Sadar, Badarganj, Pirganj, Mithapukur, Kaunia, Pirganicha, Taraganj, Gangachara.
	Kurigram	Kurigram Sadar, Nageshwari, Bhurugamari, Phulbari, Ulipur, Ghilmari, Razarhat, Roumari, Razibpur.
	Nilphamari	Nilphamari Sadar, Syedpur and Jalldhaka
	Lalmonirhat	Lalmonirhat Sadar and Aditmari
	Gaibandha	Sundarganj and Gobindaganj
	Bogra	Bogra Sadar, Adamdighi, Kahalo, Dupchachia, Nandigram, Sherpur, Dhunut, Sariakandi, Sonatula, Shibganj, Shahajanpur, Gabtoli.
	Dinajpur	Ghoraghat, Birganj and Shetabganj
	Naogaon	Naogaon Sadar, and Raninagar
	Joypurhat	Akkelpur, Khetlal and kalai
	Thakurgaon	Thakurgaon Sadar, Baliadangi, Pirganj, Ranisainkail, Horipur
	Panchagarh	Boda and Atoari
Chittagong	Feni	Feni Sadar, chhagalnaya, Fulgazi, Parshuram, Sonnagazi, Daganbhuiya
	Noakhali	Noakhali Sadar, senbug, Subarnachar and Begumganj
	Comilla	Chouddogram, Langalkote and Comilla Sadar Dakkhin
	Laxmipur	Ramgati and Laxmipur Sadar
Sylhet	Sylhet	Sylhet Sadar, South Surma, companiganj, Bishwanath, Golapganj, Zakiganj, Kanaighat, Jaintapur, Goyainghat, Beanibazar, Balaganj.
	Moulavibazar	Moulavibazar Sadar, Rajnagar, Kamalganj, Srimongal and Qulaura
	Sunamganj	Chhatok, Jamalganj and Dharmapasha
	Hobiganj	Bahubal and Nabiganj

- 2.4 Project period : March 2010 to June 2014
- 2.5 Estimated cost of the project : Tk.18671.22 lac
- 2.6 Allocation of the project in FY 2012-13 : Tk.2400.00 lac
- 2.7 Expenditure of the project in FY 2012-13 : Tk.2399.94 lac
- 2.8 Physical progress of the project in FY 2012-13 : 100%

Table 2.1 Target and actual production of seeds during the FY 2012-13

Figure in MT

Name of Seed	2012-13		Achievement in percentage
	Target	Actual	
Aman	5264	5344	102
Boro	18849	18029	96
Nerica	76	60	78
Wheat	6517	6867	105
Maize	121	133	110
Total	30827	30433	99

Table 2.2 Target and actual farmers training during the FY 2012-13

Name of training courses	2012-13		Achievement in percentage
	Target	Actual	
Training of farmers(Nos)	750	750	100

3. INTEGRATED QUALITY HORTICULTURE DEVELOPMENT PROJECT

3.1 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) 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 has established 9 (nine) Horticulture Development Centers (HDC), 9 (nine) Sale 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 had been finally prepared keeping in conformity with the decision of the Project Evaluation Committee.

At present, BADC is implementing “Integrated Quality Horticulture Development Project (IQHDP)” Phase-II approved by ECNEC on 6th July 2010 for the period of July 2010 to December 2013. Later this project had been revised and approved by Planning Minister dated on 7 November 2013 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 requirements. 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 self-sufficiency. Moreover, the production of spices crops have been decreasing sharply over the years and huge amount of foreign exchange is being spent for import of different spices. 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 to the farmers and demonstration in the horticulture development centres and in the project area. The farmers are being motivated and develop their skills on production of horticultural crops. It will help increase production of vegetables and fruits on commercial basis provide self employment and create income generation opportunities in the project area.

3.2 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 to 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 & other concerned; and
- To organize and set up demonstration plots/farms in the horticulture development centers and project area to demonstrate new varieties of horticulture crops along with modern technologies

3.3 Location of the project

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

- 3.4 Project period : July 2010 to June 2015.
- 3.5 Estimated cost of the project : Tk.3168.651 lac
- 3.6 Allocation of the project in FY 2012-13 : Tk.867.00 lac
- 3.7 Expenditure of the project in FY 2012-13 : Tk.854.07 lac
- 3.8 Physical progress of the project in FY 2012-13 : 99 %

Table 3.1 Location and area of horticulture development centers and project area

Name	District	Farm area (ha)	Project Area (ha)
Kashimpur HDC	Gazipur	25.78	16194
Patiya HDC	Chittagong	10.08	20243
Rajshahi HDC	Rajshahi	8.14	16377
Jessore HDC	Jessore	8.17	43320
Tangail HDC	Tangail	5.83	4053
Muktagachha HDC	Mymensingh	6.88	4049
Bogra HDC	Bogra	4.86	8097
Comilla HDC	Comilla	4.05	4858
Kushtia HDC	Kushtia	4.86	8097
Vegetable and Fish Cold storage	Dhaka	-	0.00
Urban Sales Centres	4 different places of Dhaka city	-	400
Total:		78.65	125688

Table 3.2 Target and actual production of seeds during the FY 2012-13

Name of Seed	2012-13		Achieved in percentage
	Target	Actual	
Vegetables(MT)	316907	325028	103
Coconut Seedlings(Lac)	2.5	2.5	100
Seedlings,Graft,Gooties(Lac)	307.68	331.08	108
Vegetables seed & others(MT)	7.2	13.82	192
Fruits(MT)	63090	71704	114

Table 3.3 Target and actual farmers training during the FY 2012-13

Name of training	2012-13		Achieved in percentage
	Target	Actual	
Farmers training (Nos)	9600	9600	100
Trainers training(Nos)	1360	1618	119
Farmers study tour (Groups)	21	21	100

4. TUBER CROPS DEVELOPMENT PROJECT

4.1 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 fully 50% of the increased food production it will need to meet its demand in the next 20 years will come from potatoes. The first modern "convenience food," potato is energy-rich, nutritious, 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 seeds 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 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 FY 1969-70. To preserve seed potato, 5 Cold Storages were established by 1978 by the 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 had been established by BADC, the capacity of each cold storages are 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 3 old cold storages through BMRE (Balancing, Modernization, Rehabilitation and Expansion). Finally the total numbers of 19 cold storages were established by the period of 2004-2011 and capacity was increased to 23000 MT. At present, the area under potato cultivation, use of quality potato, production and yield per hectare have significantly increased. But there is scope for further improvement.

The role of BADC in supplying quality seed potato is limited to 2.3% to 2.5% against national requirement of quality seed potato (around 6 lakh metric tons of seed potato is required). Keeping this in view to increasing the supply volume of quality seed potato, BADC has been implementing the "Tuber Crops Development Project."

4.2 Objectives of the project

- To increase quality seed potato production, preservation and distribution throughout the country;
- To produce potato breeder seed through tissue culture technique in order to reduce import dependency;
- To improve 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.

4.3 Location of the project

Division	District	Upazila
Dhaka	Dhaka	Savar
	Gazipur	Gazipur Sadar, Kaliakoir
	Jamalpur	Jamalpur Sadar, Sarisabari, Melandah
	Tangail	Tangail Sadar, Dhanbari, Modhupur,
	Sherpur	Sherpur Sadar, Sribardi, Nakla,
	Mymensingh	Mymensingh Sadar, Muktagachha, 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, Haziganj, 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.

- 4.4 Project period : July 2010 to June 2014
- 4.5 Estimated cost of the project : Tk.23292.33 lac
- 4.6 Allocation of the project in FY 2012-13 : Tk.4500.00 lac
- 4.7 Expenditure of the project in FY 2012-13 : Tk.4498.08 lac
- 4.8 Physical progress of the project in FY 2012-13 : 100%

4.9 Contract grower's zones

BADC has 18 contract grower zones located at different agro-climatic conditions and agro-ecological zones of the country. BADC has been 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 grower zones command area under each contract grower zones, area under each contract growers zone, number of farmers under each command area and number of farmers involved in seed potato production in FY 2012-13 are shown in Table-4.1

Table 4.1 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 the FY 2012-13.

Sl. No.	Name of contract growers zones	Command area (ha)	No. of growers in the area	Area cultivated in 2012-13 (ha)	No. of farmers involved
1	Kashimpur, Gazipur	218.04	266	90	124
2	Jamalpur	400.81	1046	140	321
3	Sherpur	517.48	1275	152	97
4	Kishoreganj	485.87	1476	149	418
5	Srimongal	15.36	27	12	38
6	Homna, Comilla	63.04	275	56	56
7	Chandpur	187.91	379	84	93
8	Faridpur	322.27	677	100	265
9	Jessore	350.23	951	108	59
10	Baradi, Meherpur	165.53	212	68	98
11	Kustia	207.06	521	32	62
12	Rajshahi	244.13	714	120	383
13	Bogra	241.21	438	64	67
14	Rangpur	259.94	469	90	85
15	Nashipur, Dinajpur	116.63	212	72	109
16	Thakurgaon	252.5	485	100	179
17	Nokla ,Sherpur	56.37	118	40.48	14
18	Maloti, Dhanbari, Tangail	202.42	667	121.45	326
	Total:	4743.88	11120	1586.52	2427

Table 4.2 Target and actual production of potato seed during the FY 2012-13

Figure in

MT

Name of Seed	2012-13		Achieved in percentage
	Target	Actual	
Potato seed	22000	21962	99.82

Table 4.3 Target and actual farmers training during the FY 2012-13

Name of training	2012-13		Achieved in percentage
	Target	Actual	
Production, Procurement and Storage of seed potato	1420	1420	100

5. PRIVATE SEED SECTOR DEVELOPMENT PROJECT

5.1 Introduction

The project will ensure the development of efficient and profit making private seed sector enterprises. As a result of this, seed traders will also increase in number and will provide quality seed to the endusers as per demand. Due to the favorable environment and implementation of replicable models of rural community based seed enterprises, the number of seed businesses at private sector will increase which will consequently result in emerging of new seed companies in the country. Seed producing farmers group/ companies will be formed at private level who will sell their own seeds. Besides, the project will assist in creating skilled manpower by organizing training programs.

5.2 Objectives of the project

- Produce quality seed through operating farmers seed centers;
- Renovate, repair and reconstruct the unused fertilizer/ seed godowns of BADC construct new godowns to be used as seed processing and preservation centers;
- Renovate, repair and reconstruction of unused fertilizer/ seed godowns of BADC to make those useable as seed processing and preservation centers;
- Form self-reliant seed producing farmer groups/ farmers seed companies in private sector who will produce seed and utilize physical facilities of BADC so that they themselves can process, preserve and arrange marketing of their seeds;
- Train up the farmers seed companies and their contract growers, seed entrepreneurs, interested NGO personnel and target group members and thus establish them as seed producers so that they can become self reliant by marketing their own seed. As a result, supply of quality seed will increase and a stable seed structure will be created in the country which will enable the farmers using quality seed at low cost; and
- Provide facilities like transport, processing, grading, packing, storing etc. to the farmers' seed enterprises formed in the project area and organize farmers training programs on these activities, so that quality seed production and distribution in private sector can be improved and possible. As a result, skilled manpower will be created in private sector for seed production, processing, quality control and running seed businesses.

5.3 Location of the project

Division	District	Upazila
Dhaka	Dhaka,	Dhaka
	Gopalganj	Gopalganj Sadar.
	Sherpur	Nakla
	Kishoreganj	Kishoreganj Sadar
Chittagong	Cox's Bazar	Ramu.
Barisal	Patuakhali	Patuakhali Sadar.
	Bhola	Bhola Sadar
Rajshahi	Naogaon	Naogaon Sadar
Sylhet	Maulovibazar	Kulaura
Khulna	Chuadanga	Damurhuda
Rangpur	Rangpur	Rangpur Sadar

5.4 Project period : January 2011 to June 2014

5.5 Estimated cost of the project : Tk.1959.00 lac

5.6 Allocation of the project in FY 2012-13 : Tk.500.00 lac

5.7 Expenditure of the project in FY 2012-13 : Tk.500.00 lac

5.8 Physical progress of the project in FY 2012-13 : 100%

Table 5.1 Target and actual production of seed during the FY 2012-13

Name of seed	2012-13		Achieved in percentage
	Target	Actual	
Boro	3000	2700	90
Amon	500	1000	200
Wheat	100	100	100
Maize	140	130	93
Potato	700	500	71
Total	4440	4430	100

Table 5.2 Target and actual farmers training during the FY 2012-13

Name of training	2012-13		Achieved in percentage
	Target	Actual	
Farmer training	600	600	100

6. DEVELOPMENT AND MULTIPLICATION OF AGRICULTURAL SEEDS

6.1 Introduction

This project had been taken up by the BADC during the FY 2009-10. The project is being implemented for popularizing and multiplication of seed of newly released varieties all over the country. Production of potato plantlets through tissue culture technology for increasing the quality seed potato and decreasing import dependency of seed potato which will help save the foreign currency. Block demonstrations will be performed in 27(twenty seven) districts of Bangladesh to popularize the technology.

6.2 Objectives of the project

- To produce potato plantlets from two tissue culture labs and supply it to seed producers and other projects of BADC for increasing quality seed potato and decreasing import dependency of seed potato as well as saving foreign currency;
- To establish block demonstrations and arrange field days by using new varieties of potato and strawberry for popularizing and creating awareness of the farmers about those varieties; and
- To train up farmers and field officers for increasing their knowledge and skill about modern production technologies of those varieties.

6.3 Location of the project

Division	District	Upazila
Dhaka	Gazipur	Gazipur Sadar
	Munshiganj	Munshiganj Sadar. Sirajdikhan
	Tangail	Modhupur
	Jamalpur	Jamalpur Sadar. Sarishabari.
	Sherpur	Sherpur Sadar. Nokla
	Kishoreganj	Hossainpur. Pakundia.
	Gopalganj	Gopalganj Sadar. Mokshedpur.
	Faridpur	Faridpur Sadar.
Khulna	Kushtia	Kushtia Sadar
	Meherpur	Meherpur Sadar.
	Jessore	Jessore Sadar
Rajshahi	Rajshahi	Rajshahi Sadar.
	Bogra	Bogra Sadar.Sherpur.
	Rangpur	Rangpur Sadar. Taraganj
	Nilphamari	Domar
	Dinajpur	Dinajpur Sadar.
	Thakurgaon	Thakurgaon Sadar.Birganj
Sylhet	Sylhet	Sylhet Sadar
	Maulovibazar	Srimagal
Chittagong	Chittagong	Chittagong Sadar
	Rangamati	Rangamati Sadar
	Feni	Feni Sadar
	Chandpur	Laksum.
	Comilla	Daudkandi, Homna
Barisal	Barishal	Barishal Sadar
	Pirojpur	Pirojpur Sadar.

- 6.4 Project period : July 2010 to June 2013
- 6.5 Estimated cost of the project : Tk.551.36 lac
- 6.6 Allocation of the project in FY 2012-13 : Tk.118.63 lac
- 6.7 Expenditure of the project in FY 2012-13 : Tk.118.62 lac
- 6.8 Physical progress of the project in FY 2012-13 : 100%

Table 6.1 Target and actual production of seed during the FY 2012-13

Name of Seed	2012-13		Achieved in percentage
	Target	Actual	
Potato plantlet for seed potato production	3 lac	3.7 lac	103

Table 6.2 Target and actual farmers training during the FY 2012-13

Name of training	2012-13		Achieved in percentage
	Target	Actual	
The production techniques of newly released variety of potato and strawberry	1050	1050	100

7. ENHANCING QUALITY SEED SUPPLY PROJECT

7.1 Introduction

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

7.2 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.

7.3 Location of the project

Division	District	Upazila
Dhaka	Dhaka	Gabtolli, 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
	Nilphamari	Nilphamari sadar
Khulna	Chuadanga	Chuadanga Sadar, Gokul Nagar, Moheshpur, Karincha, Moheshpur
	Meherpur	Meherpur sadar, Amjupi.
	Jessore	Jessore sadar
	Satkhira	Satkhira sadar
Chittagong	Chittagong	Pahartali
	Comilla	Comilla sadar
Sylhet	Hobiganj	Itakhola, Madhabpur

- 7.4 Project period : January 2011 to June 2016
- 7.5 Estimated cost of the project : Tk.4050 lac
- 7.6 Allocation of the project in FY 2012-13 : Tk.600.00 lac
- 7.7 Expenditure of the project in FY 2012-13 : Tk.600.00 lac
- 7.8 Physical progress of the project in FY 2012-13 : 95%

Table 7.1 Target and actual production of seed during the FY 2012-13

Figure in MT

Name of Seed	2012-13		Achieved in percentage
	Target	Actual	
Boro	2000	2000	100
Amon	1500	1500	100
Wheat	500	500	100
Potato	800	800	100
Oil seed	10	10	100
Pulse seed	10	10	100
Maize	10	10	100
Vegetables seed	1	1	100
Grand Total	4829	4829	100

Table 7.2 Target and actual farmers training during the FY 2012-13

Name of training	2012-13		Achieved in percentage
	Target	Actual	
Training on seed regulate and seed marketing through seed marketing division	225	225	100
Training seed production through contract growers manual	225	225	100
Training on seed production, procurement and preservation technology	75	75	100
Training on seed production, procurement, preservation technology contract growers division	375	375	100
Workshop on promotion of draught tolerant rice varieties	100	100	100
Workshop on promotion of nerica draught tolerant rice varieties	100	100	100
Workshop on promotion of salt draught tolerant rice varieties	100	100	100
Workshop on promotion of submergence draught tolerant rice varieties	100	100	100
Total	1300	1300	100

8. ESTABLISHMENT OF INTEGRATED SEED COLD STORAGE COMPLEX AT KURIGRAM

8.1 Introduction

Kurigram district is a potential potato growing area. Potato is the third food crop in Bangladesh next to rice and wheat. It has a vital role on our national economy. To meet the increasing food demand of the increasing population, potato plays an important role in Bangladesh. According to the agronomical requirement, kurigram district needs 9500 MT seed potato yearly. But with the existing logistic support BADC can supply only 350 MT yearly on an average. After completion of the project 2000 MT of seed potato could be produced at Kurigram. Produced potato seed will be preserved in cold storage at expected moisture level. It is expected that there will have a tremendous impact on the poverty reduction as well as in attaining food security of the project area.

8.2 Objectives of the project

- To increase quality seed production, processing, preservation and distribution of potato, pulses, oils and vegetable seed;
- To provide dehumidified storage facility for pulses, oils and vegetable, hybrid rice and maize seed to the private seed producer & NGO's;
- To improve the quality of seed potato, pulses, oils, vegetable, hybrid rice and maize seed in the project area through training of contract growers, NGO's, private seed producers;
- To increase yield of potato, pulses, oils and vegetable, hybrid rice and maize by using quality seed to support food security locally and nationally; and
- To create job opportunity of the people of the project area especially the distress women and unemployed youth through engaging them in seed processing activities.

8.3 Location of the project

Division	District	Upazila
Rangpur	Kurigram	Kurigram sadar, Bhurungamari, Fulbari, Rowmari, Chilmari, Nageshawari, Rajarhat, Rajibpur, Ulipur

8.4	Project period	: July 2011 to June 2014
8.5	Estimated cost of the project	: Tk.3604.25 lac
8.6	Allocation of the project in FY 2012-13	: Tk.950.00 lac
8.7	Expenditure of the project in FY 2012-13	: Tk.950.00 lac
8.8	Physical progress of the project in FY 2012-13	: 100%

9. ESTABLISHMENT OF SEED MULTIPLICATION FARM IN THE SOUTHERN COSTAL REGION

9.1 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 a continued efforts 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 fertilizer and quality seeds to the farmers. As a part of the agricultural policy, the government has been steering a range of development projects/PROGRAMs 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 partnerships 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 which include developing a new seed farm on a well identified char in the south managed by BADC; and building BADC human capacities and developing 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.

9.2 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.

9.3 Location of the project

Division	District	Upazila
Barishal	Barishal	Barishal sadar
	Patuakhali	Dashmina

9.4 Project period : January 2012 to June 2014

9.5 Estimated cost of the project : Tk.24486.93 lac

9.6 Allocation of the project in FY 2012-13 : Tk.5000 lac

9.7 Expenditure of the project in FY 2012-13 : Tk.304.79 lac

9.8 Physical progress of the project in FY 2012-13 : 98%

Table 9.1 Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Tractor	No	12	4	4	100
Rotavator	No	6	2	2	100
Combine harvester	No	6	3	3	100

Table 9.2 Target and actual production of seed during the FY 2012-13

Figure in MT

Name of Seed	2012-13		Achieved in percentage
	Target	Actual	
Oil seed	1.28	1.28	100
Pulse seed	11.65	11.65	100
Grand Total	12.93	12.93	100

CHAPTER III

Irrigation Sector under Revenue Program:

BADC is implementing its mandated responsibilities of Irrigation Sector through the following programs under revenue budget:

1.	Narayanganj district water logging removal and increasing crop production program
2.	Program for earthen dam construction in shakhipur and bashail upazila of Tangail district
3.	Comilla district barura & south sadar upazila minor irrigation development program
4.	Kishoreganj sadar, pakundia, katiadi & hossainpur upazila minor irrigation development program of Kishoreganj district
5.	Chittagong (south) district minor irrigation development program
6.	Chittagong (north) district minor irrigation development program
7.	Brahmanbaria district sadar, nasirnagar, kasba and akhaura upazila minor irrigation development program
8.	Cox'sbazar district minor irrigation development program
9.	Sirajganj district water logging and minor irrigation development program
10.	Program of removing water logged area and irrigation area development of abhaynagar upazila under Jessore district
11.	Pabna-Nator district surface water reservation & irrigation extension program
12.	Minor irrigation development program for pirgonj upazila in Rangpur district
13.	Dinajpur district minor irrigation development program
14.	kurigram district minor irrigation development program
15.	Chuadanga-Meherpur district minor irrigation development program
16.	Minor irrigation development program by using solar energy in dhaka division
17.	North Tangail district flood plain & hilly area minor irrigation development program
18.	Tangail district char area development program
19.	Sherpur district char & hill area development program
20.	Jamalpur district char area development program
21.	Program for increasing crop production & char area minor irrigation development in noakhali district
22.	Gaibandha district char area minor irrigation development program
23.	Rajbari district minor irrigation development program
24.	Minor irrigation development program in sunamganj sadar and bishwamborpur upazila of Sunamgonj district
25.	Comilla district langolkot & south sadar (part) upazila minor irrigation development program
26.	Comilla district chowdhagrem upazila minor irrigation development program
27.	Comilla district debidwar upazila minor irrigation development program
28.	Program for river bank protection in connection point of sumessuri and kongs of purbodhala upazila of Netrokona district minor irrigation development program
29.	Comilla district burichong- brahmanpara upazila minor irrigation development program
30.	Comilla district daudkandi-megna-titas upazila minor irrigation development program
31.	Chandpur district ground and surface water management development program
32.	Noakhali and feni district minor irrigation development program

33.	Minor irrigation development program in beanihazar upazila of Sylhet district
34.	Minor irrigation development program in derai and shulla upazila of Sunamgang district
35.	Minor irrigation development program in chhatak and doarabazar, upzilla of Sunamganj district
36.	program for agricultural production and dewatering of waterlogged area in mirshrai upzilla under Chittagong district
37.	Habiganj district minor irrigation development program
38.	Minor irrigation development program in jamalgonj upazila of Sunamgang district
39.	Program for extension of irrigated area by using artesain tube well
40.	Dhanbari and madhupur upazila of Tangail district minor irrigation development program
41.	Program for minor irrigation development and agricultural land protection of Tangail district
42.	Mymensingh district 3 hilly upazila agriculttural & minor irrigation development program
43.	Itna and austagram upazila haor area minor irrigation development program of kishoreganj district
44.	Mitamain upazila haor area minor irrigation development program of Kishoreganj district
45.	Nikly, bajitpur & katiadi upazila minor irrigation development program of Kishoreganj district
46.	Perojpur district najirpur upazila minor irrigation development program
47.	Program for removing waterlogged area and increasing agricultural production by using surface water of Khulna-Bagerhat-Satkhira district
48.	Barguna sadar Upazila minor irrigation development program under Barguna distrct
49.	Amtoli upazila of Burguna district minor irrigation development program
50.	Bamna and patharghata upazila minor irrigation development program under Barguna district
51.	Patuakhali sadar and dumki upazila minor irrigation development program
52.	Baufol upazila minor irrigation development program under Patuakhali district
53.	Dasmina upazila minor irrigation development program under Potuakhali district
54.	Galachipa upazila minor irrigation development program under Patuakhali district
55.	Kolapara and rangabali upazila minor irrigation development program under Patuakhali district
56.	Barishal district gournadi-agoilzara upazila minor irrigation development program
57.	Barishal district babugonj Upazila minor irrigation development program
58.	Using surface water at bakergonj upazila, Barishal district minor irrigation development program
59.	Perojpur district perojpur sadar-bhandaria-mathbaria puazilla minor irrigation development program
60.	Jhalokathi district jhalokathi sadar-nalcity upazila minor irrigation development program
61.	Jhalokahi district rajapur-kathalia upazila minor irrigation development program
62.	Bhola district char anchal irrigation area development program
63.	Minor irrigation development program for Rangpur district

64	program for observation of underground saline water intrusion and dug well for irrigation
65	Surface water reservation and minor irrigation extension program for Gopalganj district
66	Surface water reservation and minor irrigation extension program for Madaripur-Sharipur district
67	Program for removing water logged area and irrigation area development of Magura district
68	Expansion of surface water use and irrigation efficiency in Gaibandha district minor irrigation development program
69	Program for enhancing production by utilizing surface and sub-surface water at Nobinogor (west) and Bancharampur upazila and Brahmanbaria district
70	Minor irrigation development program in Bishwanath and Balaganj upazila under Sylhet district
71	Betagi upazila of Burguna district minor irrigation development program
72	Program for removing water logged land and irrigation development in Chaugacha Jhikargacha upazila of Jessore district
73	Program for enhancing production by utilizing surface and sub-surface water at Nobinogor (west) and Bancharampur upazila and Brahmanbaria district
74	Chittagong district Sondap upazila minor irrigation development program
75	Chittagong district Raujan upazila minor irrigation development program
76	Chittagong district Hathazari upazila minor irrigation development program
77	Narsingdi district minor irrigation development program
78	Narsingdi Sadar upazila minor irrigation development program
79	Comilla district Muradnagar upazila minor irrigation development program
80	Bagharpara upazila minor irrigation development program
81	Shrinagar and Sirajdikhan upazila Munshigong district minor irrigation development program
82	Irrigation expansion, water management & minor irrigation development program for Mithapukur & Pirgonj upazila of Rangpur district
83	Arihajar Upazila of Narayangong district minor irrigation development program
84	Comilla district Laksham-monohorgong upazila minor irrigation development program
85	Mymensingh district Sadar, Trisal & Gouripur upazila agricultural & minor irrigation development program
86	Barishal district Wazipur- Banaripara upazila minor irrigation development program
87	Rangunia Upazila of Chittagong district surface water irrigation development program for food security
88	Program for enhancing production by utilizing surface water at Nabinagar (east) upazila minor irrigation development program under Brahmanbaria district
89	Brahmanbaria district's Bijoynagar upazila minor irrigation development program
90	Minor irrigation development program for Gangachara upazila of Rangpur district
91	Nilphamari district minor irrigation development program
92	Bogra districts Chor area minor irrigation development program
93	Bogra districts Sariakandi, Sonatola & Dhunot upazila minor irrigation development

	program
94	Barishal district babugong – muladi upazila minor irrigation development program
95	Kishoregong district haor area minor irrigation development program
96	Program for mitigation of water logging and minor irrigation development in Noakhali district

1. NARAYANGONJ DISTRICT WATER LOGGING REMOVAL AND INCREASING CROP PRODUCTION PROGRAM

a. Objectives of the program

- Procurement of 20 nos low lift pump to irrigated 3500 hectares land; and
- Using surface water to increase 11250 MT food crops.

b. Location of the program

Division	District	Upazila
Dhaka	Narayanjgoj	Bandor, Sonargaon, Rupgonj & Arihazar

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.306.19 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.163.01 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Reexcavation of khal	Km	15	5	5	100
Construction of irrigation channel	No	1.2	0.6	0.6	100
Construction of hydraulic structure	No	8	8	8	100
Electrification	No	20	10	10	100

2. PROGRAM FOR EARTHEN DAM CONSTRUCTION IN SHAKHIPUR AND BASHAIL UPAZILA OF TANGAIL DISTRICT

a. Objectives of the program

- To provide irrigation facilities to 1400 hectore land and produce additional 18,500 MT food through excavaion of khal, construction of earthen dam, development irrigation infrastructure, appropriate irrigation technology ensuring surface water.

b. Location of the program

Division	District	Upazila
Dhaka	Tangail	Shakhipur and Bashail

- c. Program period : July 2010 to June 2013
- d. Estimated cost of the program : Tk.884.35 lac
- e. Allocation of the program in FY 2012-13 : Tk.600.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.593.70 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	20	20	100
Embankment	Km	12	12	12	100
Pipe culvert	No	14	9	9	100
Cattle crossing	No	8	3	3	100
Box culvert	No	14	12	12	100

3. COMILLA DISTRICT BARURA & SOUTH SADAR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 2125 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 850 hector land by fielding 38 nos. low lift pump.

b. Location of the program

Division	District	Upazila
Chittagong	Comilla	Barura & South Sadar Upazila

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.598.80 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.169.04 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	53	20	20	100
Construction of irrigation channel	Km	1.20	1.20	1.20	100
Construction of pipe culvert	No	20	1	1	100
Construction of cattle crossing	No	19	9	9	100

4. KISHOREGANJ SADAR, PAKUNDIA, KATIADI & HOSSAINPUR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM OF KISHOREGANJ DISTRICT

a. Objectives of the program

- To facilitate irrigation in 120 ha of land using 9 nos. of diesel operated low lift pump;
- To facilitate irrigation in 325ha of land using 13 nos. of Deep Tube Well;
- To irrigate 625 ha of land making reservoir by re-excavation 12.50 km of Haor/Beel/ Khal to increase 2500 MT additional food; and
- To produce 2675 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	Kishoreganj	Kishoreganj Sadar, Pakundia, Katiadi & Hossainpur.

- c. Program period : July 2010 to June 2013
- d. Estimated cost of the program : Tk.651.20 lac
- e. Allocation of the program in FY 2012-13 : Tk.190.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.187.79 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-2013		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	12.50	2.5	2.5	100
Construction of irrigation channel	Km	7.8	7.80	7.80	100

5. CHITTAGONG (SOUTH) DISTRICT 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 & logistic technology;
- To irrigate 1,200 hector of land by 40 nos. LLP (Diesel) sets.

b. Location of program

Division	District	Upazila
Chittagong	Chittagong.	Boalkhali, Patiya, Chandnish, Anowara, Satkania, Lohagara & Banskhali

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.646.34 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.157.27 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-2013		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	68	20	20	100
Construction of irrigation channel	Km	2.4	2.4	2.40	100

6. CHITTAGONG (NORTH) DISTRICT 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 & logistic technology;
- To irrigate 1200 hector of land by 31nos. LLP (Diesel) sets.

b. Location of the program

Division	District	Upazila
Chittagong	Chittagong	Mrisharai, Sitakunda, raujan, Rangunia, Hathazari, Fatichari, Sandip & Sadar Upazila

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.681.17 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.151.80 lac
- g. Physical progress of the Program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-2013		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	70	22	22	100
Construction of irrigation channel	Km	1.2	1.2	1.2	100

7. BRAHMANBARIA DISTRICT SADAR, NASIRNAGAR, KASBA AND AKHAURA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To apply irrigation facilities to 1050 hectares of land utilization of 15 nos. force mode tube well and 28 nos. low lift pump set; and
- To expand irrigation facilities by using surface water for the production of 2460 metric tons additional food grain through development of irrigation infrastructure and application of modern technology in the hoar area.

b. Location of the program

Division	District	Upazila
Chittagong	Brahmanbaria	Brahmanbaria sadar, Nasirnagar, Kasba, Akhaura

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.611.40 lac
- e. Allocation of the program in FY 2012-13 : Tk.185.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.178.51 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-2013		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	17	2	2	100
Installation DTW	No.	15	5	5	100
Construction of irrigation channel	Km	5.4	5.4	5.4	100
Electrification	No	15	15	15	100

8. COX'SBAZAR DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce additional 3000 Metric ton food grains by extending irrigation area through ensuring use of surface water by dint of developing irrigation structure and logistict technology; and
- To irrigate 1380 hectare of land by 29 No. diesel operated LLP.

b. Location of the program

Division	District	Upazila
Chittagong	Cox'sbazar	Sadar, Ramu, Chakaria, Pakua, Kutubdia, Moheshkhali, Taknuf and Ukiya

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.623.59 lac
- e. Allocation of the program in FY 2012-13 : Tk.185.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.180.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	48	18	18	100
Installation of DTW	No	2	2	2	100
Water control structure	No	1	1	1	100

9. SIRAJGANJ DISTRICT WATER LOGGING AND MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Removing water logging in the water logged area shall be brought under cultivation and through construction buried pipe lines, the under ground water shall be duly used for increasing productivity of major crops.

b. Location of the program

Division	District	Upazila
Rajshahi	Sirajganj	All upazila

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.527.63 lac
- e. Allocation of the program in FY 2012-13 : Tk.140.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.139.73 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-2013		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	17.48	6.18	6.18	100
Construction of Buried pipe line	Km	30	6	6	100
Water control structure	No	12	2	2	100

10. PROGRAM OF REMOVING WATER LOGGED AREA AND IRRIGATION AREA DEVELOPMENT OF ABHAYNAGOR UPAZILA UNDER JESSORE DISTRICT

a. Objectives of the program

- Recovery of cultivable land by removing water from logged area through re-excavation of drainage canal and increasing crop production;
- Supplying irrigation water from canal through power pump area irrigation channel/buried pipe in the field; and
- Use of surface water as a source of irrigation by using L.L.P.

b. Location of the program

Division	District	Upazila
Khulna	Jessore	Abhaynagar

- c. Program period : January 2010 to June 2013
- d. Estimated cost of the program : Tk.769.95 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.179.70 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	49	7	7	100
Construction of sub-surface irrigation channel	Km	6.9	4.2	4.2	100
Construction of hydraulic structure	No	49	20	20	100

11. PABNA-NATOR DISTRICT SURFACE WATER RESERVATION & IRRIGATION EXTENSION PROGRAM

a. Objectives of the program

- To remove water logging from crop field and create to surface water reservoir through 27 km re-excavation of Khal/Nala;
- To increase irrigation extension facility of additional 1200 ha. Cultivable land by 2 cusec 40 No's LLP set. into bank of the reservoir and river;
- Increase availability of surface water for irrigation by re-excavating derelict Khal/Nala;
- To bring about 1920 hector of cultivable land from water logging condition
- Overall 7925 M.ton/yr. crop production will be increase through by improve water logging condition in the program area and irrigation facility; and
- To bring double cropping pattern from single cropping pattern land.

b. Location of the program

Division	District	Upazila
Rajshahi	Pabna	Pabna sadar, Ishurdi, Atghoria Chatmohar, Bhangura, Faridpur, Santhia, Bera, Sujanagar
	Natore	Natore Sadar, Bagatipara, Lalpur, Barigram, Singra, Gurudaspur

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.704.44 lac
- e. Allocation of the program in FY 2012-13 : Tk.150.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.150.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of burred pipe line.	Km	24	10.80	10.80	100
Pipe culvert	No.	5	5	5	100

12. MINOR IRRIGATION DEVELOPMENT PROGRAM FOR PIRGONJ UPAZILA IN RANGPUR DISTRICT

a. Objectives of the program

- To irrigate 1100 ha land through sinking & installation of 10 nos. 2-cusec DTW and by excavating 10 km khal/nala; and
- To grow 1200 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	Pirgonj

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.266.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.90.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.89.98 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of buried pipe line	Km	6	3.5	3.5	100
2-cusec DTW electrification	No.	10	8	8	100

13. DINAJPUR DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To install 15 nos. of 2-cusce force mode deep tube well & rehabilitate 30 nos of 2-cusce deep tube well to irrigated 1650 ha land area;
- To construct of hydraulic structure to increase irrigated coverage by using modern technique; and
- To increase production of cereal crops up to 4125 metric tons by proper utilization of ground water & surface water.

b. Location of the program

Division	District	Upazila
Rangpur	Dinajpur	Dinajpur Sadar, Birol, Kharol, Khanshama, Birganj, Fulbari, Birampur, Hakimpur, Nawabganj, Bochaganj, Ghoraghat, Parbotipur & Chiribandar.

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.630.58 lac
- e. Allocation of the in FY 2012-13 : Tk.150.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.149.93 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	26	6	6	100
Construction of buried pipe line	No.	27	6	6	100
Electrification	No	15	4	4	100

14. KURIGRAM DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of program

- By using 20 nos.0.5 cusec suction mode tube well, 20 nos.1.0 cusec suction mode tube well , 8 cusec 2.0 cusec LLP and 10 nos. 2.0 cusec rehabilitated Deep Tube Well facilitate irrigation 1175 hactres of land; and
- By emphasizing conjunctive use of surface and ground water for irrigation through exploration of various potentials and application of modern irrigation techniques which will produces additional 3525 metric tons of food grains.

b. Location of the program

Division	District	Upazila
Rangpur	Kurigram	Kurigram sadar, Fulbari, Rajarhat, Ulipur, Roumari, Rajibpur, Nageswari & Bhurungamari

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.562.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.90.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.90.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13.

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Installation of 1 cusec suction mode pump	No.	20	10	10	100
Construction of sub surface irrigation channel	Km	9.6	1.2	1.20	100
Electrification of irrigation equipment	No	30	30	30	100

15. CHUADANGA-MEHERPUR DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of program

- Providing irrigation in 300 ha area by using 10 low lift power pump sets 3800 ha of land would be brought under irrigation through canal re-excavation 4100 ha land would be brought under irrigation; and
- Using surface water, irrigated area will be increased and 10250 MT additional food crops will be produced.

b. Location of the program

Division	District	Upazila
Khulna	Chuadanga	Chuadanga Sadar, damurhad, Meherpur Sadar, Gongni, Mujibnagar.

- c. Program period : January 2010 to June 2013
- d. Estimated cost of the Program : Tk.524.20 lac
- e. Allocation of the program in FY 2012-13 : Tk.155.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.154.82 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	41.00	11	11	100
Construction of irrigation channel	Km		0.60	0.60	100
Construction of hydraulic structure	No	29	5	5	100

16. MINOR IRRIGATION DEVELOPMENT PROGRAM BY USING SOLAR ENERGY IN DHAKA DIVISION

a. Objectives of the program

- To use solar energy for irrigation pump to create interest to farmer;
- To use modern technology for increase irrigation efficiency;
- To install 11 nos. solar-powered pump for using surface/ underground water for irrigation an additional 89 hectares of land for cultivating rice and vegetables without requiring any grid electricity of fossil fuel; and
- To create interest of the local people for using solar energy for rural electrification.

b. Location of the program

Division	District	Upazila
Dhaka	Dhaka, Gazipur, Narshindi, Kishoreganj, Mymensingh, Netrakuna, Sherpur, Faridpur, Gopalganj	Saver, Dhamri, Gazipur sadar, Raypura, Khatiadi, Gafargoan, Purbadhala, Nalitabari, Alfadanga, Tongipara, Kotalipara

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the Program : Tk.277.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.115.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.115.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Installation of solar pump	Sets.	11	4	4	100
Construction of buried pipe line	Km.	5.50	2.00	2.00	100
Training	nos	350	100	100	100

17. NORTH TANGAIL DISTRICT FLOOD PLAIN & HILLY AREA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To irrigate 2690 hectares fallow land by re-excavation of 16 km. khal and installation of 46 nos irrigation pump;
- To increase irrigation coverage especially to less developed areas by constructing 1km surface drain; and
- To produce 6725 MT food grain by constructing hydraulic structure and sustainable technology and improve on farm water management.

b. Location of the program

Division	District	Upazila
Dhaka	Tangail	Dhonbari, Modhupur, Kalihati, Ghatail

- c. Program period : July 2011 to June 2013
- d. Estimated cost of the program : Tk.586.60 lac
- e. Allocation of the program in FY 2012-13 : Tk.190.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.182.20 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Reexcavation of khal	Km	16	6	6	100
Construction of irrigation channel	Km	7.2	4.80	4.80	100
Box culvert	No	9	3	3	100
Electrification	No	27	12	9	75

18. TANGAIL DISTRICT CHAR AREA DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce 1300 MT excess food grain by covering irrigation facilities to 520 hectares of land by fielding 12 nos irrigation pump;
- To produce 6000 MT excess food grain protecting 2000 hectares of land from flood by constructing 4 km Ring Dam/Embankment; and
- To produce 2500 MT excess food grain by using surface water by re-excavation of 19 km. khal and constructing hydraulic structure and sustainable irrigation technology.

b. Location of the program

Division	District	Upazila
Dhaka	Tangail	Tangail Sadar, Nogorpur, Bouapur, Gopalpur.

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.506.60 lac
- e. Allocation of the program in FY 2012-13 : Tk.185.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.180.44 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Reexcavation of khal	Km	19	9	9	100
Construction irrigation channel	Km	7.2	1.20	1.20	100
Construction of hydraulic structure	No	22	6	6	100
Embankment	Km	4	4	4	100

19. SHERPUR DISTRICT CHAR & HILL AREA DEVELOPMENT PROGRAM

a. Objectives of the program

- Irrigation of 1316 hector area by using 22 nos 2-cusec LLP and 10 nos 1-cusec force mode deep tubwell;
- Irrigation of 50 hector area land by re-excavation of 10 km khall; and
- Utilization of proper technology, insuring and using of surface water to produce additional 4540 MT food.

b. Location of the program

Division	District	Upazila
Dhaka	Sherpur	Sherpur Sadar, Nakla, Nalitabari, Shrebordi & Jheenaygati

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.681.55 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.166.62 lac
- g. Physical progress of the program in FY 2012-13 : 98%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km.	7	3	3	100
Construction of buried pipe line	Km.	7.2	2.4	2.4	100
Installation of DTW	No.	8	8	8	100
Cattle Crossing	No.	21	6	6	100
Box-Culvert	No.	5	3	3	100
Demonstration of Sprinkler	No.	4	4	4	100

20. JAMALPUR DISTRICT CHAR AREA DEVELOPMENT PROGRAM

a. Objectives of the program

- Irrigation of 1600 hector area land by using 16 nos 2-cusec and 35 nos 1-cusec LLP;
- Irrigation of 600 hector area land by re-excavation of 12 km khal; and
- Utilization of proper technology, insuring and using of surface water to produce additional 5500 MT crops.

b. Location of the program

Division	District	Upazila
Dhaka	Jamalpur	Jamalpur Sadar, Motherganj, Islampur, Dewanganj and Bokshiganj.

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.547.55 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.167.06 lac
- g. Physical progress of the program in FY 2012-13 : 98.27%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation channel	Km	6	2	2	100
Construction of buried pipe line	Km.	8.4	2.4	2.4	100
Cattle crossing	No	27	2	2	100
Box-culvert	No	8	8	8	100
Demonstration of sprinkler	No	4	4	4	100

21. PROGRAM FOR INCREASING CROP PRODUCTION & CHAR AREA MINOR IRRIGATION DEVELOPMENT IN NOAKHALI DISTRICT

a. Objectives of the program

- To increase production of 8000 MT. food crops through increasing irrigation command area of 3500 hectares by using surface water through development of irrigation infrastructure and using modern technology; and
- To provide irrigation facilities towards 1500 hectares agricultural land through sinking & commissioning 50 Nos. suction mode tube well (STW).

b. Location of the program

Division	District	Upazila
Chittagong	Noakhali	Noakhali Sadar, Subarnachar, Kabirhat, Companygonj, Hatiya

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk. 659.08 lac
- e. Allocation of the program in FY 2012-13 : Tk.95.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.93.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re- excavation of khal	Km	50	10	10	100
Construction of foot bridge	Nos.	4	4	4	100
Installation of sprinkler irrigation experimental plot	Nos.	1	1	1	100
Sinking of STW	Nos.	50	10	10	100

22. GAIBANDHA DISTRICT CHAR AREA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase production of spices, oil seed, vegetable, sweet potatoes and maize by cultivation of 1050 hectare unsued land of char area;
- To extend irrigation area ensuring proper utilization of surface water through irrigation infrastructure development;
- To increase cropping intensity; and
- To increase irrigation facility use surface water by re-excavation of derelict canal.

b. Location of the program

Division	District	Upazila
Rangpur	Gaibandha	Gaibandha sadar, Shaghata, Fulsari and Sundarganj.

- c. Program period : January 2011 to December 2013
- d. Estimated cost of the program : Tk.499.29 lac
- e. Allocation of the program in FY 2012-13 : Tk.150.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.142.58 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	52	4.5	4.5	100
Construction of buried pipe line	Km	6.00	6.00	6.00	100
Construction of hydraulic structure	No.	29	21	21	100

23. RAJBARI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase productivity and profitability in crop sector through expanding irrigation with emphasis on efficient use of water resources;
- To bring 1500 ha land under irrigation through re-exeavation of khal; and
- To bring 3600 ha of land under irrigation by using 20 LLP set.

b. Location of the program

Division	District	Upazila
Dhaka	Rajbari	Rajbari Sadar, Panghsa, Baliakandi, Kalukhali & Goalondo

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.488.06 lac
- e. Allocation of the program in FY 2012-13 : Tk.155.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.154.26 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in Percentage
			Target	Actual	
Re-excavation khal	Km	43	8	8	100
Construction of buried pipe line	Km	7	6	6	100
Construction of Box culvert	No.	2	2	2	100
Construction of pipe culvert	No	11	1	1	100

24. MINOR IRRIGATION DEVELOPMENT PROGRAM IN SUNAMGONJ SADAR AND BISHWAMBORPUR UPAZILA OF SUNAMGONJ DISTRICT

a. Objectives of the program

- Production of excess 5250 metric ton food grain by extending irrigated area through using surface water by improving irrigation infrastructure & appropriate technology;
- Providing irrigation facilities in 1500 hectore of land by supplying 15 Nos diesel & 25 Nos electrified LLP sets; and
- Removing water logging due to flash flood from upstream causing many lands remain uncultivated. By Constructing 1.20 kilometer beri bundh, 400.00 hectare of land area can bring under cultivation.

b. Location of the program

Division	District	Upazila
Sylhet	Sunamganj	Sunamganj Sadar & Bishwamborpur

- c. Program period : January 2011 to june 2013
- d. Estimated cost of the program : Tk.444.79 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.166.44 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in Percentage
			Target	Actual	
Re-excavation of Khal	Km	19.50	10	10	100
Construction of earthen dam	Km	1.20	1.20	1.20	100
Construction of surface irrigation channel	Km	6.20	1.20	1.20	100
Construction of hydraulic structure	No	10	3	3	100
Procurement of LLP	No	25	25	25	100
Construction of discharge box	No	19	4	4	100
Construction of Electric line	No	19	15	15	100

25. COMILLA DISTRICT LANGOLKOT & SOUTH SADAR (PART) UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 2000 metric tons of additional food grain through optimum utilization of surface water by developing of irrigatin infrastructure and applying modern and sustainable technology;
- Irrigation facilities would be dne in 800 hector land by fielding 23 nos. LLP Sets.

b. Location of the program

Division	District	Upazila
Chittagong	Cmilla	Nangolkot & South Sadar upazila.

- c. Program period : January 2011 to june 2013
- d. Estimated cost of the program : Tk.628.89 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.156.86 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in Percentage
			Target	Actual	
Re-excavation of khal	Km	58	11	11	100
Construction of irrigation channel	Km	3	3	3	100
Construction of pipe culvert	No	16	6	6	100
Construction of cattle crossing	No	9	3	3	100
Construction electric line	No	3	3	3	100

26. COMILLA DISTRICT CHOWDHAGREM UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 2500 MT of additional food grain through optimum utilization of surface water by developing of irrigation infrastructure and applying modern and sustainable technology;
- Irrigation facilities would be done in 900 hectares land by fielding 33 nos. LLP Sets.

b. Location of the program

Division	District	Upazila
Chittagong	Comilla	Chowdhagrem

- c. Program period : January 2011 to June 2013
- d. Estimated cost of the program : Tk.660.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.179.05 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in Percentage
			Target	Actual	
Re-excavation of Khal	Km	58	12	12	100
Construction of irrigation channel	Km	0.60	0.60	0.60	100
Construction of pipe culvert	No	1	1	1	100
Construction of cattle crossing	No	5	5	5	100
Construction of box culvert	No	3	3	3	100
Construction of water control structure	No	1	1	1	100

27. COMILLA DISTRICT DEBIDWAR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 1800 Metric tone of additional food grain through optimum utilization of surface water by developing of irrigation infrastructure and applying modern and sustainable technology;
- Irrigation facilities would be done in 500 hector land by fielding 23 nos. L.L.P Sets.

b. Location of the program

Division	District	Upazila
Chittagong	Comilla	Debidwar

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.475.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.130.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.129.22 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	25	2	2	100
Procurement of 2-cusec diesel pump	No	23	8	8	100
Procurement of 1-cusec diesel pump	No	13	13	13	100
Construction of hydraulic structure	No	44	11	11	100
Construction of RCC outlet	No	200	15	15	100

28. PROGRAM FOR RIVER BANK PROTECTION IN CONNECTION POINT OF SUMESSURI AND KONGS OF PURBODHALA UPAZILA OF NETROKONA DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To protect 600 hectare agricultural land and continue agricultural production by protection of 900 meter river bank.

b. Location of the program

Division	District	Upazila
Dhaka	Netrokona	Purbodhala

- c. Program period : July 2011 to June 2013
- d. Estimated cost of the program : Tk.742.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.700.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.699.59 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of Embankment	No	0.9	0.9	0.9	100

29. COMILLA DISTRICT BURICHONG- BRAHMANPARA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 1500 Metric tone of additional food grain through optimum utilization of surface water by developing of irrigation infrastructure and applying modern and sustainable technology;
- Irrigation facilities would be done in 200 hector land by fielding 12 nos. L.L.P Sets; and
- Additional irrigation facilities would be done in 250 hector land by installing 10 nos. of 2-cusec force mode tube well.

c. Location of the program

Division	District	Upazila
Chittagong	Comilla	Burichong and Brampara

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.564.64 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.169.61 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	No	15	1	1	100
Construction of RCC outlet	No	120	8	8	100
Construction of hydraulic structure	No	21	3	3	100
Construction of box culvert	No	6	3	3	100
Procurement of 2-cusec diesel pump	No	5	5	5	100
Procurement of 1-cusec diesel pump	No	7	7	7	100

30. COMILLA DISTRICT DAUDKANDI-MEGNA-TITAS UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 1750 Metric tone 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 700 hector land by fielding 28 Nos.LLP Sets.

b. Location of the program

Division	District	Upazila
Chittagonj	Comilla	Daudhandi, Megna and Titas

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.558.89 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.167.35 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	32	4	4	100
Construction of RCC outlet	No	256	32	32	100
Construction of box culvert	No	5	3	3	100
Construction of hydraulic structure	No	15	3	3	100
Procurement of 5-cusec electric pump	No	3	3	3	100
Procurement of 2-cusec electric pump	No	10	10	10	100
Procurement of 2-cusec diesel pump	No	10	10	10	100
Procurement of 1-cusec diesel pump	No	5	5	5	100

31. CHANDPUR DISTRICT GROUND AND SURFACE WATER MANAGEMENT DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation land to grow 1400 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 350 hectare land by fielding 12 nos. force mode tube well.

b. Location of the program

Division	District	Upazila
Chittagongj	Chandpur	All upazila of chandpur district

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.486.05 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.179.21 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Installation of 2-cusec FMTW	No	12	4	4	100
Procurement of 1-cusec diesel pump	No	20	19	19	100
Construction of electric line	No	12	4	4	100

32. NOAKHALI AND FENI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase production of 4500 MT food grain through expansion of 1500 hectares irrigation land by developing irrigation infrastructure;
- To re-excavate of canal through utilizing modern technology for using surface water; and
- To convert 300 hectares of one crop growing land into three crop growing land by ensuring surface water.

b. Location of the program

Division	District	Upazila
Chittagong	Noakhali	Noakhali sadar, Subarnachar, Kabirhat, Companyganj, Senbag, Begumganj, Sonaimury, Chatkhil and Hatia
	Feni	Feni sadar, Dagonbhuyan, Chaglanaya, Porshuram, Fulgazi and Sonagazi

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.579.80 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.164. 99lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	30	8	8	100
Construction of RCC outlet	No	280	63	63	100
Construction of cattle croccessing	Nos	8	3	3	100
Procurement of 2-cusec diesel pump	No	10	10	10	100
Procurement of 2-cusec diesel pump	No	8	8	8	100

33. MINOR IRRIGATION DEVELOPMENT PROGRAM IN BEANIBAZAR UPAZILA OF SYLHET DISTRICT

a. Objective of the project

- Production of excess 3500 MT food grain by increasing irrigated area through surface water using by appropriate technology and developing irrigation infrastructure; and
- Developing irrigation facility for excess 950 hector land by 25 nos electric LLP set.

b. Location of the project

Division	District	Upazila
Sylhet	Sylhet	Beanibazar

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.588.92 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.156.05 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	12	8.60	8.60	100
Procurement of LLP	No	25	25	25	100

34. MINOR IRRIGATION DEVELOPMENT PROGRAM IN DERAİ AND SHULLA UPAZILA OF SUNAMGONG DISTRICT

a. Objective of the project

- Production of excess 3500 MT food grain by increasing irrigated area through surface water using by appropriate technology and developing irrigation infrastructure; and
- Developing irrigation facility for excess 1000 hector land by 32 nos electric and 5 nos diesel LLP set.

b. Location of the project

Division	District	Upazila
Sylhet	Sunamgonj	Derai and Shulla

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.605.20 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.162.64 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of surface irrigation channel	Km	19.20	1.20	1.20	100
Procurement of LLP	Nos	37	37	37	100
Construction of hydraulic structure	No	6	3	3	100

35. MINOR IRRIGATION DEVELOPMENT PROGRAM IN CHHATAK AND DOARABAZAR, UPZILLA OF SUNAMGONJ DISTRICT

a. Objectives of the project

- Production of excess 3000 MT food grain by increasing irrigated area through surface water using by appropriate technology and developing irrigation infrastructure; and
- Developing irrigation facility for excess 900 hector lands by 22 nos electric and 6 nos diesel LLP set.

b. Location of the project

Division	District	Upazila
Sylhet	Sunamgonj	Derai and Shulla

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.560.79 lac
- e. Allocation of the program in FY 2012-13 : Tk.140.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.138.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	3.50	3.50	3.50	100
Construction of hydraulic structure	Nos	12	4	4	100
Procurement of LLP	No	28	28	28	100

36. PROGRAM FOR AGRICULTURAL PRODUCTION AND DEWATERING OF WATERLOGED AREA IN MIRSHRAI UPZILLA UNDER CHITTAGONG DISTRICT

a. Objectives of the project

- To produce additional 5300 MT food grains by extending irrigation area through ensurign use of surface water by dint of developing irrigation structure and logistic technology; and
- To irrigate 2000 hector of land by 17 nos LLP diesel sets.

b. Location of the project

Division	District	Upazila
Chittagong	Chittagong	Mirshrai Upazila

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.589.64 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.176.04lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	35	7	7	100
Procurement of 2-cusec LLP	No	10	10	10	100
Procurement of 1-cusec LLP	No	7	7	7	100
Water control structure	No	2	1	1	100
Constructure of box culvert	No	5	1	1	100
Construction of cattle crossing	No	3	1	1	100

37. HABIGANJ DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the project

- To produce excess 5250 MT food grain by increasing irrigated area through surface water using by appropriate technology and developing irrigation infrastructure; and
- To provide irrigation facilities of additional 950 hectare fallow and uncultivable land through the utilization of 20 nos electric LLP set.

b. Location of the project

Division	District	Upazila
Sylhet	Habiganj	Habiganj Sadar, Lakhai, Chunarughat, Madhobpur, Ajmiriganj, Baniahong, Nabiganj, Bahubol

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.506.20 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.164.88l
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	10	3	3	100
Construction of surface irrigation channel	Km	6	1.2	1.20	100
Procurement of LLP	No	20	20	20	100
Construction of discharge box	No	20	2	2	100
Foot bridge	No	23	16	16	100

38. MINOR IRRIGATION DEVELOPMENT PROGRAM IN JAMALGONJ UPAZILA OF SUNAMGONG DISTRICT

a. Objectives of the project

- Production of excess 4000 metric ton food grain by increasing irrigated area through surface water using by appropriate technology and developing irrigation infrastructure; and
- Developing irrigation facility for excess 1500 lands by 19 nos electric and 6 nos diesel LLP set.

b. Location of the project

Division	District	Upazila
Sylhet	Sunamgonj	Jamalganj

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.585.60 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.162.41 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	5	5	100
Construction of hydraulic structure	Nos	10	6	6	100
Procurement of LLP	No	25	25	25	100

39. PROGRAM FOR EXTENSION OF IRRIGATED AREA BY USING ARTESIAN TUBE WELL

a. Objectives of the program

- To extend irrigation area for increasing agricultural production in different area of the country; and
- To save fuel not to use under ground water in different region.

b. Location of the program

Division	District
Dhaka	Sherpur
Chittagong	Chittagong
	Cox'bazar
Sylhet	Sylhet
	Hobigang

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.381.12 lac
- e. Allocation of the program in FY 2012-13 : Tk.90.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.88.77 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Artesian Tube well	Nos	300	80	80	100
Irrigation control pipe	set	5000	200	200	100

40. DHANBARI AND MADHUPUR UPAZILA OF TANGAIL DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To provide irrigation facilities to 1800 hectore land increasing cropping intensity of 400 hector land and produce additional 5600 MT food through excavaion of khal; and
- To construct buried pipe line and development irrigation infrastructure as well as appropriate irrigation technology.

b. Location of the project

Division	District	Upazila
Dhaka	Tangail	Dhanbari
		Madhupur

- c. Program period : January 2011 to June 2014
- d. Estimated cost of the program : Tk.600.82 lac
- e. Allocation of the program in FY 2012-13 : Tk.175.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.164.92 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-exivision of Khal	Km	31	8	8	100
Construction of buried pipe line	Km	5.8	3.2	3.2	100
Procurement of LLP	Nos	10	10	10	100
Cattle crossing	Nos	10	4	4	100
Electrification	Nos	10	8	8	100

41. PROGRAM FOR MINOR IRRIGATION DEVELOPMENT AND AGRICULTURAL LAND PROTECTION OF TANGAIL DISTRICT

a. Objectives of the program

- To provide irrigation facilities to 1800 hectore land increasing cropping intensity of 1000 hector land and produce additional 5600 MT food through excavaion of khal; and
- To construct buried pipe line and development irrigation infrastructure as well as appropriate irrigation technology.

b. location of the program

Division	District	Upazila
Dhaka	Tangail	Tangail Sadar, Delduar, Nagarpur, Mirzapur, Bashail, Kalihati

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.600.82 lac
- e. Allocation of the program in FY 2012-13 : Tk.175.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.163.49 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	36	8	8	100
Construction of buried pipe line	Km	3.00	2.40	2.40	100
Box culvert	Nos	10	2	2	100
Cattle crossing	Nos	17	9	9	100
Procurement of LLP	Nos	5	5	5	100
Electrification	Nos	5	5	5	100

42. MYMENSINGH DISTRICT 3 HILLY UPAZILA AGRICULTURAL & MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objective of the project

- To increase irrigation facility of 1144 hector land using 22 set diesel LLP and 20 set FMTW;
- To increase irrigation facility of 800 hector using land through preserving water by Re-excavating of 15 km. khal;
- To produce additional 6,800 metric tons food grain using surface water applying irrigation structure development and modern irrigation techniques; and
- To develop socio-economic condition of 600 people within project area by different training.

b. Location of the project

Division	District	Upazila
Dhaka	Mymensingh	Muktagacha, Fulbaria and Bhaluka

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.703.79 lac
- e. Allocation of the program in FY 2012-13 : Tk.230.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.198.43 lac
- g. Physical progress of the program in FY 2012-13 : 100 %

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	7	4	4	100
Construction of buried pipe line	km	15	3.2	3.20	100
Construction of hydraulic structure	Nos	6	6	6	100
Installation of DTW	Nos	12	7	7	100
Construction of electric line	Nos	22	7	7	100

43. ITNA AND AUSTAGRAM UPAZILA HAOR AREA MINOR IRRIGATION DEVELOPMENT PROGRAM OF KISHOREGANJ DISTRICT

a. Objectives of the program

- To facilitate irrigation in 350 ha of land using 20 nos. of diesel operated low lift pump;
- To irrigate 750 ha of land making reservoir by re-excavation 15 km of haor/Beel/Khal;
- To increase intensity of though the construction of 15 nos buried pipe line in crop field; and
- To produce 4625 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	Kishoreganj	Itna & Austagram

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.592.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.156.00
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	15	5	5	100
Construction of hydraulic structure	No	27	2	2	100
Procurement of LLP	No	20	20	20	100

44. MITAMAIN UPAZILA HAOR AREA MINOR IRRIGATION DEVELOPMENT PROGRAM OF KISHOREGANJ DISTRICT

a. Objectives of the program

- To facilitate irrigation in 350 ha of land using 20 nos of diesel operated low lift pump;
- To increase intensity of though the construction of 15 nos Bried pipe line in crop field; and
- To produce 4625 MT additional crops expanding irrigated area and utilization of surface water through construction of irrigation structure and applying sustainable technology.

b. Location of program

Division	District	Upazila
Dhaka	Kishoreganj	Mitamain

- c Program period : July 2011 to June 2014
- d Estimated cost of the program : Tk.586.00 lac
- e Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f Expenditure of the program in FY 2012-13 : Tk.156.07 lac
- g Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	14	4	4	100
Procurement of LLP	Nos	20	20	20	100
Construction of hydraulic structure	Nos	23	3	3	100

45. NIKLY, BAJITPUR & KATIADI UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM OF KISHOREGANJ DISTRICT

a. Objectives of the program

- To facilitate irrigation in 240 ha of land using 20 nos. of diesel operated low lift pump;
- To irrigate 750 ha of land making reservoir by re-excavation 15 km of Khal;
- To increase intensity of though the construction of 12 nos Bried pipe fine in crop field; and
- To produce 4350 MT additional crops expanding irrigated area and utilization of surface water through construction of irrigation structure and applying sustainalble technology.

b. Location of program

Division	District	Upazila
Dhaka	Kishoreganj	Nikly, Bajitpur & Katiadi

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.569.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.140.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.137.11 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	15	4	4	100
Construction of hydraulic structure	Nos	31	7	7	100
Procurement of LLP	Nos	12	12	12	100

46. PEROJPUR DISTRICT NAJIRPUR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility to 1000 hectares of land by using 20 nos diesel engine;
- To grow more 5500 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 by enhancing their skillness through effective training PROGRAM

b. Location of program

Division	District	Upazila
Barisal	Perojpur	Najirpur, Nesarabad and Kawkhali

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.581.10 lac
- e. Allocation of the program in FY 2012-13 : Tk.185.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.184.85 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	15	7	7	100
Construction of buried pipe line	Km	5	2	2	100
Procurement of LLP	Nos	20	20	20	100
Constuction of foot over bridge	Nos	75	12	12	100

47. PROGRAM FOR REMOVING WATERLOGGED AREA AND INCREASING AGRICULTURAL PRODUCTION BY USING SURFACE WATER OF KHULNA-BAGERHAT-SATKHIRA DISTRICT

a. Objectives of the program

- To increase agricultural production of 6000 MT food by using surface water and canal re-exeavation and to provide irrigation facilities of 1220 hectare land.

b. Location of the program

Division	District	Upazila
Khulna	Khulna	Batiaghata, Dacope, Dighalia, Dumuria, Phultala, Koira, Paikgacha, Rupsa and Terojhada.
	Bagerhat	Bagerhat sadar, Chitalmari, Fakirhat, Kachua, Mollarhat, Mongla and Morelganj
	Satkhira	Satkhira sadar, Assasuni, Debhata, Kaliganj, Kolaroa, Shyamnagar and Tala.

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.561.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.170.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	km	9	9	9	100
Procurement of LLP	Nos	16	16	16	100

48. BARGUNA SADAR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER BARGUNA DISTRICT

a. Objectives of the program

- To re-excavate of 8.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 400 hectare irrigated area to produce additional 1000.00 MT food; and
- To ensure surface water irrigation and expansion of 560 hectare irrigation area to produce 1400.00 MT additional foods using 2-cusec 12 nos. and 1- cusec 20 nos. diesel operated low lift pump (LLP).

b. Location of program

Division	District	Upazila
Barishal	Patuakhali	Barguna Sadar

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.598.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.169.99 lac
- g. Physical progress of the program in FY 2012-13 : 100 %

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	Nos	32	32	32	100
Box culvert	Nos	4	1	1	100
Cattle crossing	Nos	34	4	4	100

49. AMTOLI UPAZILA OF BURGUNA DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program.

- To re-excavate of 8.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 400 hectare irrigated area to produce additional 1000.00 MT food; and
- To ensure surface water irrigation and expansion of 560 hectare irrigation area to produce 1400.00 MT additional foods using 2-cusec 12 nos. and 1- cusec 20 nos. diesel operated low lift pump (LLP).

b. Location of program

Division	District	Upazila
Barishal	Patuakhali	Amtoli

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.608.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.178.32 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	8	2	2	100
Procurement of LLP	Nos	32	32	32	100
Box culvert	Nos	1	1	1	100
Cattle crossing	Nos	35	2	2	100

50. BAMNA AND PATHARGHATA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER BARGUNA DISTRICT

a. Objectives of the program

- To re-excavate 10.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 500 hectare irrigated area to produce additional 1250.00 MT food; and
- To ensure surface water irrigation and expansion of 600 hectare irrigation area to produce 1500 MT additional food using 2-cusec 10 nos. and 1-cusec 20 nos. disel operated low lift pump (LLP).

b. Location of the program

Division	District	Upazila
Barishal	Patuakhali	Bamna and Patharghata

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.608.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.179.99 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	Nos	30	30	30	100
Box culvert	Nos	6	1	1	100
Cattle crossing	Nos	58	6	6	100

51. PATUAKHALI SADAR AND DUMKI UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To re-excavate of 4.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 200 hectare irrigated area to produce additional 500.00 MT food; and
- To ensure surface water irrigation and expansion of 420 hectare irrigation area to produce 1050.00 MT additional foods using 2-cusec 10 nos. and 1-cusec 12 nos. diesel operated low lift pump (LLP).

b. Location of the program

Division	District	Upazila
Barishal	Patuakhali	Patuakhali sadar and Dumki

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.608.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.180.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	Nos	32	22	22	100
Cattle crossing	Nos	30	8	8	100
Box culvert	Nos	9	3	3	100

52. BAUFOL UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER PATUAKHALI DISTRICT

a. Objectives of the program

- To re-excavate 6.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 300 hectare irrigated area to produce additional 750.00 MT food; and
- To ensure surface water irrigation and expansion of 400 hectare irrigation area to produce 1000 MT additional food using 2-cusec 16 nos. and 1-cusec 16 nos. disel operated low lift pump (LLP).

b. Location of the program

Division	District	Upazila
Barishal	Patuakhali	Baufol

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.608.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.180.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	Nos	32	32	32	100
Cattle crossing	Nos	23	5	5	100
Box culvert	Nos	8	2	2	100

53. DASMINA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER POTUAKHALI DISTRICT

a. Objectives of the program

- To re-excavate 5.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 250 hectare irrigated area to produce additional 625.00 MT food; and
- To ensure surface water irrigation and expansion of 375 hectare irrigation area to produce 910 MT additional food using 2-cusec 12 nos. and 1- cusec 20 nos. disel operated low lift pump (LLP)

b. Location of the program

Division	District	Upazila
Barishal	Patuakhali	Dasmin

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : 608.75 lac
- e. Allocation of the program in FY 2012-13 : 180.00 lac
- f. Expenditure of the program in FY 2012-13 : 180.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	Nos	32	32	32	100
Cattle crossing	Nos	32	1	1	100
Box culvert	Nos	10	2	2	100

54. GALACHIPA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER PATUAKHALI DISTRICT

a. Objectives of the program

- To re-excavate 5.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 250 hectare irrigated area to produce additional 625.00 MT food; and
- To ensure surface water irrigation and expansion of 375 hectare irrigation area to produce 910 MT additional foot using 2-cusec 12 nos. and 1- cusec 20 nos. disel operated low lift pump (LLP).

b. Location of the program

Division	District	Upazila
Barishal	Patuakhali	Galachipa

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.608.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.180.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	Nos	32	32	32	100
Cattle crossing	Nos	42	1	1	100
Box culvert	Nos	9	4	4	100

55. KOLAPARA AND RANGABALI UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM UNDER PATUAKHALI DISTRICT

a. Objectives of the program

- To re-excavate 8.00 Km khal to create opportunity entrance of tidal water in khal or construction of resivor and increase water holding capacity of khal, development of hydraulic infrastructure, using advanced technology expanding 400 hectare irrigated area to produce additional 1000.00 MT food; and
- To ensure surface water irrigation and expansion of 520 hectare irrigation area to produce 1300.00 MT additional foot using 2-cusec 12 nos. and 1- cusec 16 nos. diesel operated low lift pump (LLP).

b. Location of the program

Division	District	Upazila
Barishal	Patuakhali	Kolapara and Rangabali

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.588.75 lac
- e. Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.159.99 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of LLP	No	28	28	28	100
Cattle crossing	No	31	1	1	100
Box culvert	No	6	2	2	100

56. BARISHAL DISTRICT GOURNADI-AGOILZARA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility to 5500 hectares of land by using 15 nos diesel engine;
- To grow more 12800 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology; and
- To excavate channel and cut through tidal sweet water to the channels provide irrigation with low cost.

b. Location of the program

Division	District	Upazila
Barishal	Barishal	Gournadi, Agoilzara and Muladi

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.503.22 lac
- e. Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.159.61 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km.	25	4	4	100
Procurement of LLP	Nos	15	15	15	100
Construction of buried pipe line	Km	6	4	4	100

57. BARISHAL DISTRICT BABUGONJ UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility to 400 hectares of land by using 20 nos diesel engine;
- To grow more 8500 MT food grain by expanding command area ensuring optimum utilization of surffase water through developing irrigation infrastructure and applying appropriate technology; and
- To excavate 20 Km canal catering tidal sweet water to canals provade irrigation to 3000 hector land.

b. Location of the program

Division	District	Upazila
Barishal	Barishal	Babugonj

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.598.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.167.36 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	20	06	06	100
Construction of buried pipe line	Nos.	10	01	01	100
Procurement of LLP	Nos.	20	20	20	100
Construction of foot over bridge	Nos.	48	10	10	100

58. USING SURFACE WATER AT BAKERGONJ UPAZILA, BARISHAL DISTRICT, MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility to 1000 hectares of land by using 13 nos diesel engine;
- To grow more 7050 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology; and
- To excavate 30 km canals catering tidal sweet water to farmers provide irrigation and reduce production cost.

b. Location of the program

Division	District	Upazila
Barishal	Barishal	Bakergonj

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.609.98 lac
- e. Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.159.70 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	30	6	6	100
Construction of buried pipe line	Nos.	8	3	3	100
Procurement of LLP	Nos.	13	13	13	100
Construction of foot over bridge	Nos.	57	14	14	100

59. PEROJPUR DISTRICT PEROJPUR SADAR-BHANDARIA-MATHBARIA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase facility to 335 hectares of land and produce 1087 MT more food pump set by using 19 nos diesel engine; and
- To grow more 4375 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology.

b. Location of the program

Division	District	Upazila
Barishal	Perojpur	Perojpur Sadar, Bhandaria, and Mathbarias

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.666.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.170.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	30	05	05	100
Construction of buried pipe line	Nos.	10	01	01	100
Procurement of LLP	Nos	19	19	19	100
Construction of foot over bridge	Nos.	34	23	23	100

60. JHALOKATHI DISTRICT JHALOKATHI SADAR-NALCITY UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase facility to 3760 hectares of land by re-excavating 30 KM canal and grow more 6250 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 facilitate self employment of unemployed youth of program area.

b. Location of the program

Division	District	Upazila
Barishal	Jhalokathi	Jhalokathi Sadar and Nalcity

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.576.20 lac
- e. Allocation of the program in FY 2012-13 : Tk.125.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.124.70 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	30	06	06	100
Construction of buried pipe line	Nos.	05	01	01	100
Procurement of LLP	Nos.	10	10	10	100
Construction of foot over bridge	Nos.	56	15	15	100

61. JHALOKATHI DISTRICT RAJAPUR-KATHALIA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase facility to 150 hectares of land and produce more 550 MT food grain by using 10 nos diesel engine pump set; and
- To grow more 3750 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology 1500 hector land irrigate.

b. Location of the program

Division	District	Upazila
Barishal	Jhalokathi	Rajapur-Kathalia

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.502.06 lac
- e. Allocation of the program in FY 2012-13 : Tk.120.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.119.75 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	15	3	3	100
Construction of buried pipe line	Nos.	05	03	03	100
Procurement of LLP	Nos.	10	10	10	100
Construction of foot over bridge	Nos.	67	13	13	100

62. BHOLA DISTRICT CHAR ANCHAL IRRIGATION AREA DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility to 650 hectares of land by using 25 nos diesel engine;
- To grow more 7375 MT food grain by expanding command area ensuring optimum utilization of surface water through developing irrigation infrastructure and applying appropriate technology;
- To reduce poverty and facilitation self employment of unemployed youth of program area by enhancing their skillness through effective training program; and
- To provide irrigation facility to 3000 hectares land by excavating 20 km khal.

b. Location of the program

Division	District	Upazila
Barishal	Bhola	Bhola Sadar, Daulat khan, Borhan Uddin, Tojumaddin, Monpura, Charfasion

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.649.20 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.169.69 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	20	2	2	100
Procurement of LLP	Nos.	27	27	27	100
Construction of foot over bridge	Nos.	50	3	3	100

63. MINOR IRRIGATION DEVELOPMENT PROGRAM FOR RANGPUR DISTRICT

a. Objectives of the program

- To irrigate 2400 ha land through fielding 8 nos 1-cusec LLP and by sinking & installation 9 nos, 2-cusec FMT and by excavating 50 km khal/Nala; and
- To grow 6000 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	Rangpur sadar, Gangachara, Badarganj, Taragonj, Pirgonj, Mithapakur, Kaunia and Pirgacha

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.842.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.158.22.00lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	40	10	10	100
Construction of sluice gate	Nos	01	01	01	100
Construction of box culvert	Nos	10	04	04	100
Construction of cattle crossing	Nos	51	15	15	100

64. PROGRAM FOR OBSERVATION OF UNDERGROUND SALINE WATER INTRUSION AND DUG WELL FOR IRRIGATION

a. Objectives of the program

- To observe salinity intrusion in surface and underground of the southern part of Bangladesh; and
- To prepare data bank of coastal ground water.

b. Location of the program: Coastal area of Khulna, Chittagong and Barishal division and Noakhali district and data collection of whole Bangladesh.

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.517.74 lac
- e. Allocation of the program in FY 2012-13 : Tk.60.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.59.77 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of dug well	Nos	38	16	16	100
Installation of observation well	Nos	16	6	6	100
Preparation of 3 DDEM & data bank	LS	LS	1	1	100

65. SURFACE -WATER RESERVATION AND MINOR IRRIGATION EXTENSION PROGRAM FOR GOPALGONJ DISTRICT

a. Objectives of the program

- To irrigate 140 hectors of land by using 2-cusec 7 nos of LLP;
- To increase irrigated facilities in 500 hectors of land by re-excavation of 25 km drelict khal; and
- To increase additional 4875 MT food by construting irrigational facility and improving on farm water management.

b. Location of the program

Division	District	Upazila
Dhaka	Gopalganj	Gopalganj Sadar, Tungipara, Kotalipara, Kashiani, Muksudpur

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.558.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.165.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.164.82 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	43	07	07	100
Excavation/re-excavation Khal	Km	25	7.50	7.50	100
Procuremnt of LLP	Nos	07	07	07	100

66. SURFACE WATER RESERVATION AND MINOR IRRIGATION EXTENSION PROGRAM FOR MADARIPUR- SHARITPUR DISTRICT

a. Objectives of the program

- To irrigate 450 hectares of land by using 10 nos. of LLP;
- To increase irrigated facilities in 500 hectares of land by re-excavation of 25 Km drelict khal; and
- To increase additional 4000 MT food by constructing irrigational facility and improving on farm water management.

b. Location of the program

Division	District	Upazila
Dhaka	Madaripur, Sharitpur	Madaripur sadar, Kalkini,Rajir,Shibchar,Bhedarganj, Damudya,Gosairhatm, Naria, Shariatpur Sadar, Zajira

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.558.85 lac
- e. Allocation of the program in FY 2012-13 : Tk.160.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.160.00 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation khal	Km	25.00	5.00	5.00	100
Box culvert	Nos	10	3	3	100
Conntruction of foot over bridge	Nos	28	3	3	100

67. PROGRAM FOR REMOVING WATER LOGGED AREA AND IRRIGATION AREA DEVELOPMENT OF MAGURA DISTRICT

a. Objectives of the program

- To recover cultivable land removing water from logged area through re-excavation of drainage canal and increasing crop production; and
- To provide irrigation water from canal through power pump in 450 hector area irrigation channel/buried pipe in the field.

b. Location of the program

Division	District
Khulna	Magura

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.569.22 lac
- e. Allocation of the program in FY 2012-13 : Tk.170.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.169.29 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	22	5	5	100
Construction of buried pipe	Km	9	4	4	100
Construction of hydraulic structure	Nos.	34	2	2	100
Procurement of LLP	Nos.	15	15	15	100

68. EXPANSION OF SURFACE WATER USE AND IRRIGATION EFFICIENCY IN GAIBANDHA DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase and availability of surface water sources by re-excavation of 30 km canal and increasing irrigation command area;
- To increase production of spices,oil seed,vegetable, sweet potatoes, potatoes and maize by cultivation of 950 hectare unused land;
- To increase irrigation facility using surface water by re-excavation of derelict canal; and
- To produce additional 8875 MT food grains by extending irrigation area ensuring proper utilization of surface water through irrigation infrastructure development.

b. Location of the program

Division	District	Upazila
Rangpur	Gaibandha	Gaibandha sadar, Shaghata, Fulsari and Sundarganj

- c. Program period : July 2011 to June 2014
- d. Estimated cost of the program : Tk.489.83 lac
- e. Allocation of the program in FY 2012-13 : Tk.175.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.165.81 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	33	06	06	100
Excavation/re-excavation Khal	Km	15	5.5	5.5	100
Procurement of LLP	Nos	03	03	03	100

69. PROGRAM FOR ENHANCING PRODUCTION BY UTILIZING SURFACE AND SUB-SURFACE WATER AT NOBINOGOR (WEST) AND BANCHARAMPUR UPAZILA AND BRAHAMANBARIA DISTRICT

a. Objectives of the program

- To apply irrigation facilities to 1200 hectares of land by utilization of 26 nos low lift pump set; and
- To expand irrigation facilities by using surface water for the production of 2460 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
Dhaka	Gopalganj	Nobinogor (West) and Bancharampur

- c. Program period : July 2012 to June 2014
- d. Estimated cost of the program : Tk.554.17 lac
- e. Allocation of the program in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.177.15 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	30	05	05	100
Procurement of LLP	Nos.	26	26	26	100
RCC out let	Nos.	260	40	40	100

70. MINOR IRRIGATION DEVELOPMENT PROGRAM IN BISHWANATH AND BALAGONJ UPAZILA UNDER SYLHET DISTRICT

a. Objectives of the program

- Production of excess 2000 MT food grain by increasing irrigated area through surface water using appropriate technology and developing irrigation infrastructure; and
- Development of irrigation facilities for excess 500 hectare land by 5 nos electric and 9 nos diesel LLP set.

b. Location of the program

Division	District	Upazila
Sylhet	Sylhet	Bishwanath 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.38.41 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	9	4	4	100

71. BETAGI UPAZILA OF BURGUNA DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To produce 500 MT additional food grain extension of 200 hectare irrigation area ensure to use of surface water by installing diesel operated 2 cusec 5 LLP and 1 cusec 5 LLP;
- To create opportunity of tidal water admits in 4.00 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.363.61lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.99 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of box culvert	Nos	10	1	1	100
Construction of cattle crossing	Nos	36	5	5	100
Construction of sluice gate	Nos	5	1	1	100

72. PROGRAM FOR REMOVING WATER LOGGED LAND AND IRRIGATION DEVELOPMENT IN CHAUGACHA JHIKARGACHA UPAZILA 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.95 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of buried pipe line	Km	10	4	4	100
Construction of hydraulic structure	Nos	19	4	4	100

73. BRAHMANBARIA DISTRICT NABINAGAR (WEST) UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To provide irrigation facilities to 650 hehtares of land by utilizing 5 no.force mode tube well and 15 no.LLP; and
- To ensure use of surface water by extending irrigation area in order to 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 : July2012 to June2015
- d. Estimated cost of the program : Tk.390.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.62 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	10	4	4	100
Construction of hydraulic structure	Nos	19	5	5	100

74. CHATTAGONG DISTRICT SONDAP UPAZILA 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 10 no.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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.37.12 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of foot bridge	Nos	9	8	8	100

75. CHATTAGONG DISTRICT RAUJAN UPAZILA 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 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.36.32 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of foot bridge	Nos	8	8	8	100

76. CHATTAGONG DISTRICT HATHAZARI UPAZILA 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 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.36.90 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of Foot bridge	Nos	8	8	8	100

77. NARSINGDI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Re- excavation of 20 km khal and expansion of irrigation area to 1450 hectare additional land; and
- Production of 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.38.25 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	33	22	22	100

78. NARSINGDI SADAR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation and drainage facilities by re -excavation of canal; and
- To prevent tidal water by construction of 12 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 : July2012 to June2015
- d. Estimated cost of the program : Tk.467.2 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.38.00 lac
- g. Physical progress of the program in FY 2012 -13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of earthen dam	Km	12	1.60	1.60	100

79. COMILLA DISTRICT MURADNAGAR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- Expansion of irrigation area to grow 900 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 300 hectare land by fielding 7 nos of electric LLP.

b. Location of the program

Division	District	Upazila
Chittagong	Comilla	Muradnagar Upazila

- 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.15 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of regulator	Nos	5	2	2	100
Construction of cattle crossing	Nos	13	4	4	100
Construction of culvert	Nos	20	5	5	100

80. BAGHARPARA UPAZILA JESSORE DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To develop irrigation area and increase of crop production by conserving water through re-excavation of canal; and
- To utilize 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.89 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of buried pipe line	Km	10	3	3	100
Construction of hydraulic structure	Nos	16	4	4	100

81. SHRINAGAR AND SIRAJDIKHAN UPAZILA 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 3600 MT food grain by extension of irrigation area; and
- To create employment opportunity of women and alleviate regional discrimination.

b. Location of the program

Division	District	Upazila
Dhaka	Munshiganj	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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.38.46 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of cattle crossing	Nos	9	4	4	100

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

a. Objectives of the program

- To irrigate 161 ha lands through re-excavation of 09 Km khal, by sinking & installation 08 nos. 2-cusec RMT & 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 grow 3000 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.91 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Electric Motor	Nos	9	8	8	100
Construction of Box culvert	Nos	4	2	2	100
Construction of Cattle crossing	Nos	5	5	5	100

83. ARIHAJAR UPAZILA 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 11250 MT food grain by extension of irrigation area.

b. Location of the program

Division	District	Upazila
Dhaka	Narayangong	Arihajar

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.337.36 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.37.78 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of cattle crossing	Nos	7	4	4	100

84. COMILLA DISTRICT LAKSHAM-MONOHORGONG UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAMME

a. Objectives of the program

- Expansion of irrigation land to grow 900 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 300 hector land by fielding 07 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.401.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.71 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of Water control structure	Nos	4	1	1	100
Construction of Box culvert	Nos	24	9	9	100
Construction of Cattle crossing	Nos	18	7	7	100

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

a. Objectives of the program

- To increase irrigation facility of 440 hector land using 11 set FMTW.
- To increase irrigation facility of 140 hector land through preserving water by Re-excavating of 07 Km khal;
- To produce additional 4,500 metric tons food grain using surface water applying irrigation structure development and modern irrigation techniques; and
- To develop socio-Economic condition of 600 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.186.11 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.34.64 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	7	3	3	100
Construction of hydraulic structure	Nos	16	9	9	100

86. BARISHAL DISTRICT WAZIPUR- BANARIPARA UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facility of 5600 hector land by using 40 nos of diesel engine;
- To grow more 11700 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.500.2 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.96 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	3.4	3.4	100
Construction of Foot over bridge	Nos	66	11	11	100

87. RANGUNIA UPAZILA OF CHITTAGONG DISTRICT SURFACE WATER IRRIGATION DEVELOPMENT PROGRAM FOR FOOD SECURITY

a. Objectives of the program

- To increase availability of surface water and creat opportunity of irrigation facilities in hilly area of Rangunia Upazila and to challenge impact of climate change;
- To provide irrigation facilities in 40 hectare land by using diesel operated 2 LLP for ensuring water management and maximum use water resource;
- To produce additional 990 MT food grain by using surface water by applying sustainable technology and development of irrigation infrastructure; and
- To alleviate poverty, socioeconomic development and to challange impact of climate change by creating employment opportunity.

b. Location of the program

Division	District	Upazila
Chittagong	Chittagong	Rangunia

- c. Program period : July 2012 to June 2014
- d. Estimated cost of the program : Tk.197.50 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.99 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of embankment	Km	300	0.160	0.160	100

88. PROGRAM FOR ENHANCING PRODUCTION BY UTILIZING SURFACE WATER AT NABINAGAR (EAST) UPAZILA 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 hoor 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.56 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	25	4.50	4.50	100
If any important item turffing	Sqm	150000	27000	27000	100
Out let	Nos.	200	34	34	100

89. BRAHMANBARIA DISTRICT'S BIJOYNAGAR UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To apply irrigation facilities to 800 hectares of land by utilization of 10 nos. force mode tube well and 8 nos. low lift pump set; and
- To expand irrigation facilities by using surface water for the production of 2200 metric tons additional food grain through development of irrigation infrastructure and application of modern technology in the hoo area.

b. Location of the program

Division	District	Upazila
Chittagong	Brahmanbaria	Bijoynagar

- c. Program period : July 2012 to June 2014
- d. Estimated cost of the program : Tk.459.98 lac
- e. Allocation of the program in FY 2012-13 : Tk.35.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.34.52 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	11	8	8	100

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

a. Objectives of the program

- To irrigate 1040 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 grow 2000 MT more food grain through optimum utilization of irrigation water by develop-ping irrigation infrastructure and applying approp\priate 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.303.00 lac
- e. Allocation of the program in FY 2012-13 : Tk.35.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.34.98 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of outlet	Nos	50	5	5	100
Construction of box culvert	Nos	2	1	1	100
Construction of small size culvert	Nos	3	1	1	100
Construction of Regulator	Nos	2	1	1	100

91. NILPHAMARI DISTRICT MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To irrigate 1000 ha land through re-excavation of 20 Km khal to optimum utilization of irrigation water through 150 farmers training; and
- To grow 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.218.06 lac
- e. Allocation of the program in FY 2012-13 : Tk.35.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.34.78 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	20	4	4	100
Construction of cattle crossing	No	12	4	4	100

92. 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 2012-13 : Tk.35.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.34.93 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	3	2	2	100
Construction of hydraulic structure	Nos	7	1	1	100
If any important item	Nos	5	2	2	100

93. BOGRA DISTRICTS SARIAKANDI, SONATOLA & DHUNOT UPAZILA 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.83 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	2	2	2	100
Construction of hydraulic structure	Nos	6	2	2	100
If any important item (Foot bridge)	Nos	5	2	2	100

94. BARISHAL DISTRICT BABUGONG – MULADI UPAZILA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To increase irrigation facilities 4500 hectare of land;
- To grow more 7800 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 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.78 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of earthen dam	Km	12	1.6	1.6	100

95. KISHOREGONG DISTRICT HAOR AREA MINOR IRRIGATION DEVELOPMENT PROGRAM

a. Objectives of the program

- To facilitate irrigation in 400 ha 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 through 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	Kishoreganj	Itna and Austogram

- c. Program period : July 2011 to June 2015
- d. Estimated cost of the program : Tk.453.95 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.96 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	31	4	4	100

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

a. Objectives of the program

- To produce 4500 MT foods crops through increasing irrigated area of 2000 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 Bagamgang

- c. Program period : July 2012 to June 2015
- d. Estimated cost of the program : Tk.342.6 lac
- e. Allocation of the program in FY 2012-13 : Tk.40.00 lac
- f. Expenditure of the program in FY 2012-13 : Tk.39.98 lac
- g. Physical progress of the program in FY 2012-13 : 100%

h. Target and achievement of the main component of the program during the FY 2012-13

Item	Unit	PPNB Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of box culvert	No	2	2	2	100
Construction of cattle crossing	No	14	5	5	100

CHAPTER-IV

IRRIGATION SECTOR UNDER ADP

The minor irrigation program of BADC had been privatized long before the year under report. As per decision of the government, BADC suspended taking up program pertaining to Deep Tube Well, Low Lift Pump and Shallow Tube Well since 1993-94 and cleared up residual stock of all kinds of irrigation equipment by way of sale. As a result, after privatization of minor irrigation program, BADC had no function relating to sale and operation of Low Lift Pump (LLP) and Shallow Tube Well (SWT). But BADC has still some obligation for receiving payments and handing over ownership certificate of some Deep Tube Well to the farmers. Further to increase agricultural production by bringing more area under irrigation and also to strengthen the system of irrigation, BADC took up the following projects for implementation during the FY 2012-13.

1. Construction of Rabber dams in small and medium rivers for increasing of food production project
2. Mujibnagar Intregrated Agricultural Development project
3. Chittagong Hilltracts Agricultural Development Project
4. Intregrated Agricultural Productivity Project
5. Intregrated Agricultural Project in Perojpur-Gopalganj- Bagerhat
6. Ashuganj Polash-Agro-Irrigation Project
7. Innovative use of Surface Water Project
8. Greater Bogra-Rangpur-Dinajpur Districts Integrated Area Development Project
9. Greater Mymensingh-Tangail Districts Integrated Agricultural Development Project
10. Greater Khulna-Jessore-Kushtia Districts Integrated Agricultural Development Project
11. Expansion of Irrigation through Utilization of Surface Water by Double Lifting
12. Project for enhancement of Agricultural production and poverty Alleviation by introducing Force Mode Tube well
13. Project of Activating Inoperable Deep Tube well of BADC for Irrigation.
14. Greater Dhaka Irrigation Area Development Project (2nd Phase)
15. Pabna-Nator-Sirajganj Minor Irrigation Devebopment
16. Greater Faridpur Minor Irrigation Development Project.
17. Survey and Monitoring Project for Development of Minor Irrigation (3rd Phase)
18. Eastern Intregrated Irrigation Development Project
19. Improving Surface Water Irrigation in Costal Areas and Sylhet Division Project

1. CONSTRUCTION OF RUBBER DAMS IN SMALL AND MEDIUM RIVERS FOR INCREASING OF 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, Bishamvarpur

- 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 2012-13 : Tk.268.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.255.46 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of dam structure	Sqm	23470	4500	4500	100

2. MUJIBNAGAR INTREGRATED AGRICULTURAL DEVELOPMENT PROJECT

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 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 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 traits, pluses, oil seeds and maize suitable for mujibnagar area;
- 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 2012-13 : Tk.2500.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.2499.00 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of Khal	Km	250	53	53	100
Construction of buried pipe line	Km	216	36	36	100
Constructure of hydraulic structure	Nos	120	48	48	100
Installation of DTW	Nos	130	36	36	100

3. CHITTAGONG HILLTRACTS INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT**a. Objectives of the project**

- Socio-economic uplift of the people of the project area through comprehensive efforts by developing all modern techniques and facilities for exploitation of agricultural potentials;
- Strengthening economic activities through production of HYV seeds by contract farmers and procurement, Processing, storing and distribution those of among farmers;
- Expansion of irrigation facilities to 2000 acres of land through construction of infrastructure such as 50 water control structures, reservoirs, embankment etc;
- Expansion of irrigation facilities to 4500 acres of land through supply of 300 nos. of 0.75 cusec power pumps;
- Encouragement of fishermen for pisciculture in the water reservoirs; and
- Human resources development through imparting training on mechanisation of cultivation and modern agricultural technology.

b. Location of the project

Division	District	Upazila
Chittagong	Rangamati	Rangamatisadar, Kowkhali, Kaptai, Longadhu, Baghaichari, Rajasthali, Zurachari, Nanirchar, Barkal , Balaichari
	Khagrachari	Dighinala, Khagrachari sadar, Laksmichari, Mohalchari, Manikchari, Matiranga, Panchari, Ramgor.
	Bandarban	Bandarban sadar, Alikadam, Lama, Nakhyingchari, Rawanchari, Ruma, Thanchi.

- c. Project period : July 2011 to June 2014
- d. Estimated cost of the project : Tk.1451.50 lac
- e. Allocation of the project in FY 2012-13 : Tk.400.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.400.00 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Constructure of water control structure	Nos	50	16	16	100

4. INTREGRATED 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;
- To harvest rain water 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 develop 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	Badarganj, Gangachhara, Kaunia, Rangpur Sadar, Mithapukur, Pirgachha, Pirganj, Taraganj.
Barishal	Barishal	Agailjhara, Babuganj, Bakerganj, Banaripara, Gauranadi, 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 2012-13 : Tk.1633.00 lac
(GOB: 440.00, PA: 1193.00)
- f. Expenditure of the project in FY 2012-13 : Tk.1623.42 lac
(GOB: 437.20 PA: 1186.22)
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of buried pipe line	Nos	48.90	48.90	47.21	100
Bin type seed dryer	Nos	3	3	3	100
Dehumidifier	Nos	1	1	1	100
Rain water harvesting storage tank	Nos	300	35	35	100
Generator	Nos	3	3	3	100
Farmers training	Nos	180	180	180	100

5. INTREGRATED AGRICULTURAL PROJECT IN PEROJPUR- GOPALGANJ- BAGERHAT

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 M.ton 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 seientists. DAE, BADC, NGOs personnel and farmers through training, visit and higher education.

b. Location of the project:

Division	District	Upazila
Barishal	Pirojpur	Piroupur, Nazipur, Bhandaria, Swarupkati, Kawkhali, Zianagar, Mathbaria
Khulna	Bagerhat	Begerhat, Kachua, Rampal, Fakirhat, Mollarhat, Chitalmari, Mongla, Morelganj, Sharankhola
Dhaka	Gopalganj	Gopalganj, Maksudpur, 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 2012-13 : Tk.129.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.128.93 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Jeep	Nos	1	1	1	100
Motor Cycle	Nos	16	14	14	100
Digital Moisture Meter	Nos	4	4	4	100
Power Sprayer	Nos	4	4	4	100

6. ASHUGANJ-POLASH AGRO IRRIGATION PROJECT

a. Objectives of the project

- To keep continuation of providing irrigation facilities to 16194 hectares of cultivable land by utilization of 1000 cusec & 600 cusec discharged cooling water (surface) of thermal power stations of Ashuganj and Ghorashal respectively per year through optimum utilization of the irrigation facilities developed up to 3rd phase of the project by applying modern and local appropriate technology;
- To expand irrigation facilities to additional 6073 hectares of land per year through optimum utilization of irrigation infrastructure to be constructed in the 4th Phase of the project;
- To ensure food production of 70,000 MT of food grain against 16194 hectares of irrigated land and 26,250 MT of food grain against 6073 hectares of irrigated land i.e. 96,250 MT food grain in aggregate per year through implementation of the above stated activities; and
- To create self-employment opportunity and alleviate poverty of 900 farmers and group managers by up-grading their skillness through 110,000 farm family, 275,000 (men 165,000 & women 110,000) labours through engaging themselves in all activities of irrigation, food grain production & processing under the project area.

b. Location of the project

Division	District	Upazila
Chittagong	Brahmanbaria	Ashuganj, Brahmanbaria sadar, Sarail and Nabinagar
Dhaka	Narshindi	Palash, Narsindi Sadar and Shibpur

- c. Project period : January 2009 to June 2014
- d. Estimated cost of the project : Tk.2582.38 lac
- e. Allocation of the project in FY 2012-13 : Tk.250.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.249.91 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation canal	Km	54	8	8	100
Earthen embankment	Km	30	12	12	100
Construction of sluice gate	Nos	10	1	1	100
Aforestation	Nos	6800	400	400	100

7. INNOVATIVE USE OF SURFACE WATER PROJECT

a. Objectives of the project

- Expanding irrigation area to 4777 hectares & to produce additional 11942 MT of food grain after completion of the proposed 2nd phase project by optimum utilization of 25 nos. of 5-cusec Low Lift Pump (LLP) through re-excavation of 130 kilo meter of khal-nala & hilly chhara construction of 31800 meter surface irrigation channel, 57 nos. hydraulic structures by applying modern and local appropriate technology;
- Increasing irrigated area from 1173 hectares to 5950 hectares of land by utilization of total 85 nos. of 5-cusec Low Lift Pump (LLP) 25 nos. from 2nd phase & 60nos. from 1st phase) and use of reserve water from re-excavated of khal- nala/ hilly chhara and other infrastructures;
- Producing 1487 MT of food grain from 5950 hectares of irrigated land through utilization of irrigation equipment& infrastructures constructed in the 1st phase and to be constructed up to the 2nd phase of the project; and
- Creating self employment opportunity and alleviate poverty of 900 owner/ manager / operator fieldsmen of irrigation equipment and 1800 farmers by upgrading their skillness through training, 29750 farmer families , 74375 labourers (Men 44625 and Women 29750) through engaging themselves in all activities of irrigation, food grain production and processing under the project area.

b. Location of the project

Division	District	Upazila
Chittagong	Chittagong	Mirsarai, Banshkhali, Raujan, Rangunia, Hathazari, Boalkhali, Satkania, Lohagara, Fatikchari, Sitakundu, Anwara, Patiya, Chandanaish.
	Cox's Bazar	Chakoria, Kutubdia, Cox's bazaar Sadar, Ramu,Ukhia, Teknaf,
Sylhet	Sylhet	Sylhet Sadar, Fenchuganj, Companyganj, Balaganj, Biswanath, Golapganj, Beanibazar, Zakiganj, Kanaighat, Gowainghat, Jaintapur,
	Sunamganj	Sunamganj Sadar, Chattak, Dowarabazar, Taherpur, Biswambharpur, Dharmapasha, Jamalganj, Derai, Jagannathpur, Shalla.

- c. Project period : July 2009 to June 2014
- d. Estimated cost of the project : Tk.2522.90 lac
- e. Allocation of the project in FY 2012-13 : Tk.180.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.179.94 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re- excavation of khal	Km	145	15	15	100
Construction of irrigation channal	Km	35.40	0.60	0.60	100
Construction of discharge box	Nos.	57	1	1	100
Construction of pump shed	Nos.	90	1	1	100
Construction of hydraulic structure	Nos.	72	5	5	100
Training	Nos	1800	600	600	100

**8. GREATER BOGRA-RANGPUR-DINAJPUR DISTRICT
INTEGRATED AREA DEVELOPMENT PROJECT****a. Objectives of the project**

- To expand irrigated area by 2990 hectares after completion of the project (2nd phase) by optimum utilization of 25 nos. of 5-cusec Low Lift Pumps (LLP) and 125 nos. of rehabilitated 2-cusec Deep Tube Well (DTW) and also through construction of irrigation channel / buried pipe system & other infrastructures. Additional 7475 MT of food grain will be produced every year;
- To continue utilization of irrigation equipment and infrastructures already procured and constructed during the 1st phase of the project by which additional 2,800 hectares of land will be brought under irrigation which will produce 7,000 MT of food grain every year;
- To produce 14375 MT of food grain per year from 5750 hectares of irrigated land through utilization of irrigation equipment & infrastructures constructed and to be constructed up to the 2nd phase of the project; and
- To create self employment opportunity and alleviate poverty of 1500 Owner/ Manager/ Operator/ Fieldsmen of irrigation equipment and 1500 farmers by upgrading their skills through training. 135550 farm families, 1055325 laborers (Men 633195 and Women 422130) through engaging themselves in all activities of irrigation, food grain production and processing under the project area.

b. Location of the project

Division	District	Upazill
Rangpur	Rangpur	Rangpur Sadar, Gangachara, Pirganj, pirgacha, Badarganj, Taraganj, Mithapukur, Kaunia
	Dinajpur	Dinajpur Sadar, Parbatipur, Phulbari, Birampur, Ghoraghat, Khanshama, Hakimpur, Birol, Birganj, Chirirbandar, Kaharole, Bochaganj, Nawabganj
	Nilphamari	Nilphamari Sadar, Saidpur, Jaldhaka, Kishoreganj, Domar, Dimla.
	Gaibandha	Gaibandha Sadar, Palashbari, Shaghatta, Sundarganj, Sadullapur, Fulchari, Gobindaganj
	Kurigram	Kurigram, Phulbari, Rajarhat, Ulipur, Chilmary, Rowmari, Nageswari, Rajibpur, Bhurungamari.
	Lalmonirhat	Lalmonirhat, Aditmari, Kaliganj, Patgram, Hatibandha.
	Thakurgaon	Thakurgaon, Baliadangi, peerganj, Haripur, Ranishangkoil,
	Panchagar	Pancharga, Tetulia, Atowari, Boda, Debiganj.
Rajshahi	Bogra	Bogra Sadar, Shajahanpur, Sherpur, Dhuhchanchia, Dhunot, Sariakandi, Gabtali, Nandigram, Kahaloo, Adamdighi, Shibganj, Sonatola
	Joypurhat	Joypurhat, Akkelpur, Kalai, Panchbibi, Khetlal.

- c. Project period : July 2009 to June 2014
- d. Estimated cost of the project : Tk.2310.96 lac
- e. Allocation of the project in FY 2012-13 : Tk.343.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.340.70 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos.	62	12	12	100
Construction of electric lines	Nos.	20	4	4	100
Construction of irrigation channel	Km	18	3.6	3.6	100
Construction of buried pipe line	Km	66	12	12	100
Construction of discharge box	Nos	30	6	6	100
Construction of pump shed	Nos.	60	5	5	100
Afforestation	Nos.	10000	2000	2000	100

9. GREATER MYMENSINGH-TANGAIL INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT

a. Objectives of the project

- To expand irrigation facilities to 4371 hectares of additional cultivable land per year after completion of the project (2nd phase) by optimum utilization of 25 nos. of 5-cusec Low Lift Pump (LLP) & 130 nos. of rehabilitated 2- cusec Deep Tube Well (DTW) through construction of irrigation channel/ buried pipe system & other infrastructure and by completion of carried over incomplete activities of the 1st phase during the 2nd phase by applying modern and local appropriate technology;
- To continue utilization of irrigation equipment and infrastructure already procured and constructed during the 1st phase of the project by which additional 4,900 hectares of land will be brought under irrigation producing 12,250 MT of food grains per year;
- To produce 18,925 MT of food grain per year from 9,271 hectares of irrigated land through utilization of irrigation equipment & infrastructures constructed and to be constructed up to the 2nd phase project; and
- To create self employment opportunity and alleviate poverty of 1,800 Owner/ Manager/ Operator/ Fieldsmen of irrigation equipment and 4,500 farmers by upgrading their skillness through Farmers Training 38,770 farmer families, 96,925 labors (58,155 men and 38,770 women) through engaging themselves in all activities of irrigation food grain production and processing under the project area.

b. Location of the project

Division	District	Upazila
Dhaka	Mymensingh	Bhaluka, Gafoargaon, Muktagacha, Fullbari, Sadar, Haluaghat, Fulpur, Ishurganj, Nandail, Trishal, Dhubaura, Gouripur
	Kishoreganj	Kishoreganj, Karimganj, Kotiadi, Mithamoin, Itna, Kuliarchar, Bajitpur, Astagram, Hosainpur, Tarail, Pakundia, Bhairab, Nikli.
	Netrokona	Netrokona, Durgapur, Mohonganj, Kalmakanda, Kendua, Atpara, Purbadhala, Barhatta, of khaliajuri, Madan.
	Tangail	Tangail, Nagarpur, Kalihati, Modhupur, Ghatail, Bashail, Sakhipur, Mirzapur, Delduar, Bhuapur, Gopalpur.
	Jamalpur	Jamalpur, Sarisabari, Melandah, Ishampur, Dewanganj, Madarganj, Boxiganj.
	Sherpur	Sherpur, Sreebordi, Nalitabari, Nokla, Jhenaigati.

- c. Project period : July 2009 to June 2014
- d. Estimated cost of the project : Tk.2334.26 lac
- e. Allocation of the project in FY 2012-13 : Tk.445.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.442.19 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	50	12.50	12.50	100
Construction of surface irrigation channel	Km.	19.20	4.8	4.8	100
Construction of burried pipe line	Km	65	5.5	5.5	100
Construction of hydraulic structure	Nos.	48	12	12	100
Construction of discharge box	Nos.	32	8	8	100
Construction of pump shed	Nos.	95	20	20	100
Construction of electric line	Nos.	31	7	4	57

10. GREATER KHULNA JESSORE-KUSTHIA INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT (2nd phase)

a. Objectives of the project

- To expand irrigated area by 4,044 hectares after completion of the project (2nd phase) by optimum utilization of 40 nos. of 5 cusec Low Lift Pump (LLP) & 40 nos of rehabilitated 2-cusec Deep Tube well (DTW) and also through construction of irrigation channel/ burried pipe system & other infrastructures by which additional 10.110 MT of food grain will be produced every year;
- To continue utilization of irrigation equipment and infrastructures already procured and constructed during the 1st phase of the project by which additional 1,400 hectares of land will be brought under which will produce 3,500 MT of food grain every year;
- To produce 13,610 MT of food grain per year 5,444 hectares of irrigated land through utilization of irrigation equipment & infrastructures constructed and to be constructed up to the 2nd phase of the project; and
- To create self employment opportunity and alleviate poverty of 1,500 owner/ manager/ operator/fieldsmen of irrigation equipment and 2,100 farmers by upgrading their skillness through training 17100 farmer families 68400 labors (men 38,000 and women 30,400) through engaging themselves in all activities of irrigation, food grain production and processing under the project

b. Location of the project

Division	District	Upazila
Khulna	Khulna	Dighulia , Rupsha, Terokhada, Phultala, Batiaghata, Paikgacha, Kaira, Dakop, Dumuria
	Bagherhat	Bagherhat Sadar, kachoa, Rampal, Fakirhat, Mollahat, Chitolmari, Morrelgonj, Mongla & Sarankhola
	Satkhira	Satkhira Sadar, Ashasuni,Kolaroa, Tala,Kaliganj,Debhata, Shamnagar.
	Jessore	Jessore Sadar, Chowgacha, Bagarpara, Abhoynagarr, Sharsa, jhikorgacha, Manirampur, Keshobpur
	Jhenaidah	Jhenaidah, Sailakupa, Harinakanda, Kaligonj, Kotchandpur, Moheshpur.
	Magura	Magura Sadar, Sreepur, Shalikha, Mahespur
	Kushtia	Kustia Sadar, Mirpur Daulatpur, Vheramara, Kumarkhali, Khoksha,
	Meherpur	Meherpur, Gangni, Mujibnagar
	Chuadanga	Chuadanga Sadar. Jibonnagar, Alamdanga, Damurhuda
	Narail	Narail Sadar, Kalia, Lohagora

- c. Project period : July 2009 to June 2014
- d. Estimated cost of the project : Tk.2581.00 lac
- e. Allocation of the project in FY 2012-13 : Tk.327.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.325.19 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	104.70	17.7	17.7	100
Construction of surface channel	Km	27	2.40	2.40	100
Construction of hydraulic structure	Nos	114	20	20	100
Construction of pump shed	Nos	53	11	11	100
Construction of electric line	Nos	45	4	4	100

11. EXPANSION OF IRRIGATION THROUGH UTILIZATION OF SURFACE WATER BY DOUBLE LIFTING

a. Objectives of the project

- To operate 445 nos. of 5 cusec land based pump and 115 nos. of floating pumps using surface water of the perennial rivers/ natural water body by applying Double Lifting Techniques for providing irrigation facilities to 55, 125 hectares of land for producing additional 137812.50 MT of food grain per year;
- To increase irrigation efficiency and to reduce yield gap by applying “On Farm Water Management Technology “by constructing 279 nos. of discharge boxes, 121530 meters of pucca Irrigation channel, 360 nos. out of turn out, 52 nos. of flume, 15 nos. of cross dam/ submerged weir & 290 nos. of pipe culvert; and
- To create self –employment opportunity and alleviate poverty of the project area and to develop skilled manpower for 3,500 nos. of managers/ operators/ fields man of irrigation equipment and farmers by upgrading their attitude through effective training.

b. Location of the project

Division	District	Upazila
Dhaka	Manikganj	Singair, Manikganj, Sadar.
	Narayanganj	Rupganj, Araihaajar, Bandor.
	Munshiganj	Gazaria, Lowhajang, Serajdikhan.
	Narsingdi	Narsingdi, Raipura, Palash.
	Kishorganj	kuliarchar, Austogram, Bajitpur, Nikli, Itna, Mithamoin, Pakundia, Tarail,
	Jamalpur	Jamalpur Sadar, Melandah.
	Mymensingh	Gafargaon, Trishal, Bhaluka,
	Netrokona	Madan, Atpara, khaliajuri.
	Gazipur	Kaligonj.
	Sherpur	Jhenaigati, Nalitabari.
	Madaripur	Rajoir, kalkini.
	Shariatpur	Shariatpur Sadar, Goshairhat, Vedorganj,
	Gopalganj	Gopalganj Sadar, Tungipara, Maksudpurk.
Rajshahi	Sirajganj	Shahjadpur.
	Gaibandha	Gaibandha, Gobindoganj.
Sylhet	Habiganj	Baniachong, Ajmeriganj, Lakhai, Habiganj Sadar.
	Sunamganj	Sunamganj, jamalganj, Derai, Bishamvapur, Sulla.
Chittagong	Comilla	Muradnagar, Monoharganj,
	Chandpur	Haziganj, chandpur, shahrasti, Matlab.
	Lakshmipur	Lakshmipur Sadar.
	Brahmanbaria	Nabinagar, Brahmanbaria Sadar, Nasirnagar,
	Chittagong	Rowjan, Fatikchari. Chandanaish.
	Cox'sBazar	Ramu.
Kulna	Narail	Narail Sadar, Lohagara, Kalia.
	Bagerhat	Chitalmari, Fakirhat.
Barishal	Barishal	Gownadi, Muladi, Wazirpur, Hizla.
	Perojpur	Perojpur Sadar, Nazirpur, Mothbaria.
	Bhola	Borhanuddin, Lalmohan, Daulatkhan, Bhola, Char Fashion.
	Patuakhali	Galachipa.
	Barguna	Bamna, AMTali.

	Jhalakati	Jhalakati Sadar, Nolchity, Rajapur.
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- c. Project period : July 2009 to June 2014
- d. Estimated cost of the project : Tk.10151.00 lac
- e. Allocation of the project in FY 2012-13 : Tk.1830.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.1797.37 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	56	4	4	100
Construction of surface irrigation channel	Km	121.53	36	36	100
Construction of discharge box	Nos.	279	47	47	100
Construction of hydraulic structure	Nos.	702	70	70	100
Construction of electric line	Nos.	185	27	27	100
Construction of submerged weir	Nos.	18	6	6	100
Farmer training	Nos.	3500	600	600	100

12. PROJECT FOR ENHANCEMENT OF AGRICULTURAL PRODUCTION AND POVERTY ALLEVIATION BY INTRODUCING FORCE MODE TUBE WELL

a. Objectives of the project

- To produce additional 8340 metric tons of food grain per year through optimum utilization of under ground water by developing irrigation infrastructures and applying modern and local appropriate technology;
- To create self-employment opportunity and alleviate poverty for managers/operators/fiedldsmen of irrigation equipment and farmers by upgrading their skill through training. In addition local poor men/women laborers will upgrade their livelihood through engaging themselves in all activities of food grain production & processing; and
- To operate 85 Nos of 2-cusec FMTW and 40 nos. of 1-cusec FMTW for utilization of GW for irrigation of 3336 hector of land.

b. Location of the project

Division	District	Upazila
Dhaka	Mymensingh	Trishal, Valuka, Fulbaria, Muktagacha, Gaforgaon, Nandail, Issorganj, Haluaghat.
	Kishoreganj	Pakundia, Hosenpur
	Jamalpur	Jamalpur
	Tangail	Ghatail, Shokhipur, Mirjapur, Modhupur, Delduar, Basail.
	Gazipur	Joydevpur, Kaliakoir, Kapasia, Sripur
	Sherpur	Nalitabari.

- c. Project period : July 2010 to June 2014
- d. Estimated cost of the project : Tk.2583.43 lac
- e. Allocation of the project in FY 2012-13 : Tk.630.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.625.06 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of buried pipe	Km	54.50	16	16	100
Installation of DTW	Nos	125	40	40	100
Construction of pump shed	Nos	125	40	40	100
Electrification of irrigation equipment	Nos	125	30	30	100
Construction of electric line	Nos	125	30	30	100

13. 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 ground water for irrigation of 47,880 hectares of land;
- To produce additional 119,700 metric ton food grain per year through optimum utilization of ground water 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, Shibhalaya, 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, Shalikha
	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.
	Sunamganj	Thherpur, Sunamganj Sadar Doarabazar, Chhatak.
	Hobiganj	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 Dakhhkhin, Debiddar, Muradnagar, Burichang, Daudkandi.
	Chandpur	Shahorasti, Kochua,

- c. Project period : July 2010 to June 2013
- d. Estimated cost of the project : Tk.15069.00 lac
- e. Allocation of the project in FY 2012-13 : Tk.3200. lac
- f. Expenditure of the project in FY 2012-13 : Tk.3169.49 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Activationg inoperable deep tube wells.	Nos.	1000	270	270	100
Construction of sub surface irrigation channel	Km	600	160.20	160.20	100
Construction of electric line	Nos.	967	200	200	100
Supply, Installation & Commissioning of smart card	Nos.	1425	270	270	100
Procurement of 2-cusec submerible pump	Nos.	967	154	154	100
Training	Nos.	12810	4410	4410	100

14. 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 hectors 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	Upazila
Dhaka	Gazipur	Gazipur sadar, Kaliakor, Kaliganj, Kapasia, Sreepur, Tongi.
	Manikganj	Hariampur, 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 December 2014
- d. Estimated cost of the project : Tk.9930.70 lac
- e. Allocation of the project in FY 2012-13 : Tk.2300.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.2295.15 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	400	88	88	100
Construction of irrigation channel	Km	80	23.20	23.20	100
Construction of buried pipe line	Km	100	45	45	100
Installation of DTW	Nos	70	25	25	100
Construction of hydraulic structure	Nos	100	41	41	100

15. PABNA-NATORE-SIRAJGANJ MINOR IRRIGATION DEVELOPMENT (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 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, Raigonj, Tarash, Ullapara, Shajadpur, Belkuchi and Chouhali

c	Project period	:	March 2011 to June 2014
d	Estimated cost of the project	:	Tk.15174.20 lac
e	Allocation of the project in FY 2012-13	:	Tk.2350.00 lac
f	Expenditure of the project in FY 2012-13	:	Tk.2348.35 lac
g	Physical progress of the project in FY 2012-13	:	100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	90	30.30	30.30	100
Construction of irrigation channel	Km	40	10.40	10.4	100
Construction of buried pipe line	Km	516	110.30	110.30	100
Installation DTW	Nos	300	60	60	100
Procurement of pump shed	Nos	300	60	60	100
Electrification of irrigation equipment	Nos	480	40	40	100
Training	Nos	1600	400	400	100

16. 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, nals 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 per year from 25783.80 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, Kotalipar,
	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 2014
- d. Estimated cost of the project : Tk.9462.66 lac
- e. Allocation of the project in FY 2012-13 : Tk.2400.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.2372.05 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Re-excavation of khal	Km	400	47	47	100
Construction of buried pipe line	Km	157	50	50	100
Construction of hydraulic structure	Nos	50	10	10	100
Training	Nos	2225	750	750	100

17. 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; and
- To provide technical assistance and suggestions to the government and policy makers for the formulation of minor irrigation policy and planning strategy projects and programs for the development of minor irrigation sector.

b. Location of the project: All over Bangladesh

- c. Project period : July 2011 to June 2014
- d. Estimated cost of the project : Tk.2397.50 lac
- e. Allocation of the project in FY 2012-13 : Tk.800.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.796.96 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of water testing field kit	Nos	220	112	112	100
Procurement water level recorder	Nos	32	10	10	100
Procurement of lab equipment	Nos	102	36	36	100
Training of personnel	Nos	1220	560	529	96

18. EASTERN INTEGRATED IRRIGATION DEVELOPMENT PROJECT

a. Objectives of the project.

- To expand irrigation facilities to 10202 of additional cultivable land by which an additional 25505 metric tons of food grains will be 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 the 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 grains 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 equipments & 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 equipments 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, Monohorganj, Chauddagam, Nanglkot, Debidwar, Muradnagar, Daudkandi, Homna, Meghna, Titas.
	Chandpur	Chandpur Sadar, Haziganj, Shahrasti, Mutlab South, Matlab North, Haimchar, Faridganj, Kachua.
	Brahmanbaria	Brhamanbaria Sadar, Kasba, Nabinagar, Nasirnagar, Sarail, Bancharampur, Akhaura, Ashuganj, Bijoynagar.
	Noakhali	Noakhali Sadar, Begumgonj, Senbagh, Kabirhat, Companiganj, 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 : Tk.10200.00 lac
- e. Allocation of the year in FY 2012-13 : Tk.370.00 lac
- f. Expenditure of the project in FY 2012-13 : Tk.369.87 lac
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Construction of hydraulic structure	Nos	228	3	3	100
Procurement of jeep	Nos	1	1	1	100
Procurement of duble cabin pick up	Nos	4	4	4	100
Procurement of computer	Nos	14	9	9	100
Procurement of photocopier	Nos	1	1	1	100

19. IMPROVING SURFACE WATER IRRIGATION IN COSTAL AREAS AND SYLHET DIVISION PROJECT

a. Objectives of the project

- To improve surface water irrigation in coastal areas and sylhet division;
- To develop an investment framework for improving surface water irrigation in the coastal area and sylhet division; and
- To build capacity for concerned government departments' water institutes and farmer communities.

b. Location of the project: Coastal areas and Sylhet division.

- c. Project period : July 2012 to June 2014
- d. Estimated cost of the project : Tk.468.50 lac
(GOB:106.05, PA: 362.45)
- e. Allocation of the project in FY 2012-13 : Tk.331.00 lac
(GOB: 96, PA:235)
- f. Expenditure of the project in FY 2012-13 : Tk.326.58 lac
(Gob:93.82, PA:232.76)
- g. Physical progress of the project in FY 2012-13 : 100%

h. Target and achievement of the main component of the project during the FY 2012-13

Item	Unit	DPP Target	2012-13		Achieved in percentage
			Target	Actual	
Procurement of motor Vehicle	Nos	1	1	1	100
Procurement of computer	Nos	3	3	3	100
Procurement of air conditioner	Nos	4	3	3	100
Construction of hydraulic structure	Nos	3	3	3	100

CHAPTER – V

FERTILIZER

During the Financial Year 1992-93, as per Government decision fertilizer procurement cum distribution activities were stopped by the BADC. But from the Financial Year 2006-07, BADC was again entrusted with the responsibility of distribution of non-urea fertilizer i.e. Triple Super Phosphate (TSP) and Muriate of Potash (MOP) in a limited scale. From the FY 2010-11 BADC had distributed non-urea fertilizer (TSP, MOP&DAP) in full swing. It may be mentioned here that measures have already been taken for distribution of fertilizer through 48 sale centers under 21 regions of BADC. Import and distribution position of non urea fertilizer during the FY 2012-13 is given in Table 5.1.

Table 5.1 Fertilizer import and distribution during the FY 2012-13

Name of fertilizer	2012-13	
	Import	Distribution
Triple Super Phosphate (TSP)	3.13	2.89
Muriate of Potash (MOP)	4.17	1.84
Diammonium Phosphate (DAP)	0.52	0.65
Total	7.82	5.38

As per decision of government, the sale prices of imported non urea i.e. TSP, MOP and DAP fertilizer were fixed by the Ministry of Agriculture. The sale prices of imported TSP, MOP and DAP fertilizer of BADC during FY 2012-13 are given below in the following table.

Table 5.2 Subsidized sale price of fertilizer at dealer level during the FY 2012-13

Financial Year	Subsidized sale price (Tk/kg)		
	TSP	Mop	DAP
July2012 to June2013	20.00	13.00	25.00

Table 5.3 Subsidized sale price of fertilizer at farmer level during the FY 2012-13

Financial Year	Subsidized sale price (Tk/kg)		
	TSP	Mop	DAP
July2012 to June2013	22.00	15.00	27.00

Table 5.4 Registered fertilizer dealer of BADC during the FY 2012-13

Sl. Nos.	Categories of dealer	Nos. of dealer
1.	From BCIC dealer	2013
2.	From BADC seed dealer	2893
Total:		4906

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 taining 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 taining 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 taining courses and programs.

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

- Refreshers' course induction taining 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 taining. The induction taining is basically meant for the newly recruited employees and the in-service taining for the various categories of existing BADC personel. 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 pace with the demand or importance of the training courses held during the FY 2012-13 for 226 nos of officers and staff.

Library and Reference Service

The BADC training institute maintains a big 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 2012-2013 a total number of 67 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 226 officers and staffs attended in-house training program organized by BADC.

Table 6.1 Training availed in different organization during the FY 2012-13.

Sl. No.	Name of training courses	Ministry/ Organization	Nos. of Participants
1	Internal Research Review(2011-12) and future Research Program(2012-13)	Plant Breeding Division, BARI	3
2	Project Planning Development and Management	NPDA	1
3	Public Procurement Processing and Approval Procedure	BIM	1
4	Training Course on Computer Basics	NPDA	1
5	Irrigation Management System	IAPP	9
6	Development of Massrom cultivation, Export and Possibility	Export promotion Bureau	1
7.	COSTAB/FEA	Bangladesh statistics Bureau	1
8.	WTO Agreement on TRIPS	Export promotion Bureau	1
9.	Project Management and Public Procurement	NPDA	5
10.	Course on Improving Public Services Through Total Quality Management	BPATC	1
11.	Procurement Management	NPDA	7
12.	Public Private Partnership Program	Planning Ministry	2
13.	Research Methodology	NPDA	1
14.	Phytosanitary and Food Safety Issues in Bangladesh	BARC	4
15.	Office Automatin	NPDA	1
16.	Present Status of Post harvest Activities in Horticultural Crops in Bangladesh	BARC	4
17.	Value Addition in Exportable Agro-Products: Constraints and Opportunities	EPB	2

Sl. No.	Name of training courses	Ministry/ Organization	Nos. of Participants
18.	Climate Change Adaptation in Bangladesh	GIZ	1
19.	Good Agricultural Practice (GAP) in Fruits and Vegetables Production	BARC	2
20.	MTBF	Public Finance Foundation	3
21.	Knowledge and Awareness Building on Agricultural Policies of Bangladesh	BARC	3
22.	Rice and Wheat Cultivation for Unfavorable Ecosystem	BARC	5
23.	Integrated Water Resources Management (IWRM) Concept and its practices in Real World Situation	CEGIS	2
24.	National Workshop on Research Achievement of Past Ten Years of Horticultural crops and Future Research Sustainable Crop Production and Food Security	BARC	3
25.	Training in Budgeting and Accounting System	FMA	3
	Total		67

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 2012-13, BADC sent 17 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 2012-13

Sl. No.	Name of Training Courses	Name of Country	Nos. of Participants
1	Workshop on Value Chain Management in Agribusiness	Indonesia	1
2	Rice: Post-Production to market Training course	IRRI, Philippines	2
3	Rice Post Production to Market Training Course	Philippines	2
4	Disaster Management of Damaged Irrigation and Water and Management facilities for Agriculture	Japan	1
5	Factory visit & Training	KSB pump Ltd. Mumbai, India	2
6	Irrigation Management	Bankok, Thailand	5
7.	The Rice Breeding	Philippines	1
8.	Local Wisdom and Thailand Agricultural Center for Development	Thailand	1
9.	Crop simulation Modeling and Impacts of climate Change on Agricultural Production Systems: Training Program on DSSAT	Thailand	1
10.	Technic of Hybrid Rice	China	1
	Total		17

CHAPTER – VII

FINANCE

During the FY 2012-13 there were 28 projects under Annual Development Program (ADP) and 103 programs under revenue implemented by the BADC. Out of 28 projects 14 were under crop sub-sector and 14 projects under irrigation sub-sector. Out of 103 programs 7 were under crop sub-sector and 96 were under irrigation sub-sector.

Table 7.1 Provision for 103 Program under revenue (In Core Taka).

Sector	GOB	PA	Total
Crop (7 programs)	75.00		75.00
Irrigation (96 programs)	131.40		131.40
Total (103 Programs)	206.40		206.40

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

Sector	GOB	PA	Total
Crop (7 program)	75.00		75.00
Irrigation (96 program)	131.00		131.00
Total (103 Programs)	206.40		206.00

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

Sector	GoB	PA	Total
Crop (7 program)	75.00		75.00
Irrigation (96 program)	128.93		128.93
Total (103 Programs)	203.93		203.93

Table 7.4. Provision for 28 Projects under ADP (In Core Taka).

Sector	GOB	PA	Total
Crop (14 projects)	206.23	15.47	221.70
Irrigation (14 projects)	153.91	2.35	156.26
Total 28 (projects)	360.14	17.82	377.95

Table 7.4 Total fund actually available for 28 Projects under ADP (In core Taka).

Sector	GOB	PA	Total
Crop (14 projects)	206.23	15.47	221.70
Irrigation (14 projects)	153.91	2.35	156.26
Total (28 projects)	360.14	17.82	377.95

Table 7.5 Total Expenditure for 28 Projects under ADP (In Core Taka).

Sector	GOB	PA	Total	Achievement in percentage
Crop (14 projects)	206.20	14.18	220.38	99.40%
Irrigation (14 projects)	153.24	2.30	155.54	99.53
Total (28 projects)	359.98	16.48	376.46	99.60

Appendix-1

Allocation of crop sector program in 2012-13

Sl no	Name of program	GoB	Own	Total
1	Production of Improved Cereal Seeds through Seed Multiplication Farms.	956.00	3850.51	4806.51
2	Improved Cereal Seed Production Through Contract Growers	216.00	110.00	326.00
3	Procurement, Processing and Distribution of Improved Cereal Seeds Program	4727.00	19571.70	24298.70
4	Jute Seed Program	454.00	1555.45	2009.45
5	Agro Service Center.	236.00	200.00	436.00
6	National Vegetable Seed Program	317.00	329.85	646.85
7	Buffer Stock of Seed and its Management Program.	594.00	2813.32	3407.32
Total		7500.00	28430.83	35930.83

Expenditure of crop sector program in 2012-13

Sl no	Name of program	GoB	Own	Total
1	Production of Improved Cereal Seeds through Seed Multiplication Farms.	956.00	3816.82	4772.82
2	Improved Cereal Seed Production Through Contract Growers	216.00	84.55	300.55
3	Procurement, Processing and Distribution of Improved Cereal Seeds Program	4727.00	19155.09	23882.09
4	Jute Seed Program	454.00	1247.03	1701.03
5	Agro Service Center.	236.00	57.30	293.30
6	National Vegetable Seed Program	317.00	329.85	646.85
7	Buffer Stock of Seed and its Management Program.	594.00	2382.93	2976.93
Total		7500.00	27073.57	34573.46

Appendix 2

Allocation of crop sector project in FY 2012-13

Sl no	Name of Project	GoB	Own	PA	Total
1	Pulse & Oil Seed Project	1850	677	-	2527.00
2	Improvement and Quality Seed production of Rice, Wheat and Maize project	2400	9245.46	-	11645.46
3	Integrated Quality Horticulture Development Project	867	259.51	-	1126.51
4	Tuber Crops Development Project	4500	4708.83	-	9208.83
5	Private Seed Sector Development Project	500	36.00	-	536.00
6	Development & Multiplication of Agricultural Seed	118.63	-	-	118.63
7	Enhancing Quality seed supply project	600	-	354	954.00
8	Establishment of Integrated Seed Cold Storage Complex at Kurigram	950	-	-	950.00
9	Establishment of seed Multiplication Farm in southern coastal Region	5000	-	-	5000.00
10	Construction of Rubber dam for small and medium Rivers for increased crop production	268	-	-	268.00
11	Mujibnagar Integrated Agricultural Development Project	2500	-	-	2500.00
12	Chittagong Hill Tracts Integrated Agricultural Development Project	400	-	-	400.00
13	Intregrated Agricultural Productivity Project	440	-	1193	1633.00
14	Intregrated Agricultural Project in Perojpur-Gopalganj-Bagerhat	129	-	-	129.00
		19922.63	14926.80	1547.0	36996.43

Expenditure of crop sector project in FY 2012-13

Sl no	Name of Project	GoB	Own	PA	Total
1	Pulse & Oil Seed Project	1849.79	677.00	-	2526.79
2	Improvement and Quality Seed production of Rice, Wheat and Maize project	2399.94	7654.44	-	10054.38
3	Integrated Quality Horticulture Development Project	854.08	259.51	-	1113.58
4	Tuber Crops Development Project	4498.08	4708.83	-	9206.91
5	Private Seed Sector Development Project	500.00	33.00	-	533.00
6	Development & Multiplication of Agricultural Seed	118.62	-	-	118.62
7	Enhancing Quality seed supply project	600.00	311.69	-	911.69
8	Establishment of Integrated Seed Cold Storage Complex at Kurigram	949.99	-	-	949.99
9	Establishment of seed Multiplication Farm in southern coastal Region	5100.00	-	-	5092.93
10	Construction of Rubber dam for small and medium Rivers for increased crop production	255.46	-	-	255.46
11	Mujibnagar Integrated Agricultural Development Project	2499	-	-	2499
12	Chittagong Hill Tracts Integrated Agricultural Development Project	400	-	-	400
13	Intregrated Agricultural Productivity Project	437.20	-	1186.22	1623.42
14	Intregrated Agricultural Project in Perojpur-Gopalganj-Bagerhat	128.93	-	-	128.93
		20591.09	13644.47	1186.22	35414.70

Allocation of irrigation sector project in FY 2012-13

Sl no	Name of Project	GoB	Own	PA	Total
1	Ashugonj Polash-Agro-Irrigation Project	250.00	-	-	250.00
2	Innovative use of Surface Water Project	180.00	-	-	180.00
3	Greater Bogra-Rangpur-Dinajpur Districts Integrated Area Development Project	343.00	-	-	343.00
4	Greater Mymensingh-Tangail Districts Integrated Agricultural Development Project	445.00	-	-	445.00
5	Greater Khulna-Jessore-Kushtia Districts Integrated Agricultural Development Project	327.00	-	-	327.00
6	Expansion of Irrigation through Utilization of Surface Water by Double Lifting	1830.0	-	-	1830.00
7	Project for enhancement of Agricultural production and poverty Alleviation by introducing Force Mode Tube well	630.00	-	-	630.00
8	Project of Activating Inoperable Deep Tube well of BADC for Irrigation.	3200.00	-	-	3200.00
9	Greater Dhaka Irrigation Area Development Project	2300.00	-	-	2300.00
10	Pabna-Nator-Sirajgonj Minor Irrigation Development	2350.00	-	-	2350.00
11	Greater Faridpur Minor Irrigation Development Project.	2400.00	-	-	2400.00
12	Survey and Monitoring Project for Development of Minor Irrigation	800.00	-	-	800.00
13	Eastern Integrated Irrigation Development Project	370.00	-	-	370.00
14	Improving Surface Water Irrigation in Coastal Areas and Sylhet Division Project	96.00	-	235.00	331.00

Expenditure of irrigation sector project in FY 2012-13

Sl no	Name of Project	GoB	Own	PA	Total
1	Ashugonj Polash-Agro-Irrigation Project	249.91	-	-	249.91
2	Innovative use of Surface Water Project	179.94	-	-	179.94
3	Greater Bogra-Rangpur-Dinajpur Districts Integrated Area Development Project	340.70	-	-	340.70
4	Greater Mymensingh-Tangail Districts Integrated Agricultural Development Project	442.19	-	-	442.19
5	Greater Khulna-Jessore-Kushtia Districts Integrated Agricultural Development Project	325.19	-	-	325.19
6	Expansion of Irrigation through Utilization of Surface Water by Double Lifting	1797.37	-	-	1797.37
7	Project for enhancement of Agricultural production and poverty Alleviation by introducing Force Mode Tube well	625.06	-	-	625.06
8	Project of Activating Inoperable Deep Tube well of BADC for Irrigation.	3169.49	-	-	3169.49
9	Greater Dhaka Irrigation Area Development Project	2295.15	-	-	2295.15
10	Pabna-Nator-Sirajgonj Minor Irrigation Development	2348.35	-	-	2348.35
11	Greater Faridpur Minor Irrigation Development Project.	2372.05	-	-	2372.05
12	Survey and Monitoring Project for Development of Minor Irrigation	796.96	-	-	796.96
13	Eastern Integrated Irrigation Development Project	369.87	-	-	369.87
14	Improving Surface Water Irrigation in Coastal Areas and Sylhet Division Project	93.82	-	232.76	326.58