ANNUAL REPORT
2008-2009

BANGLADESH AGRICULTURAL DEVELOPMENT CORPORATION
MONITORING DIVISION

ANNUAL REPORT 2008-2009

Prepared by : Sheikh Mohammed Saiful Islam
Deputy Chief (Monitoring)

: Ahmed Hasan Al Mahmud
Deputy Chief (Monitoring)

Edited by : Mohiuddin Ahmed
Chief (Monitoring)

Computer composed by : Md. Abul Kashem
Assistant Administrative Officer

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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 year 2008-2009 has been prepared and hereby forwarded. This report contains physical & financial aspects of 13 Development Projects (7 under crop sub-sector and 6 under irrigation sub-sector) and 7 Programs under Crop Sub-Sector executed by BADC. The Annual Report for the year 2008-2009 is the outcome of extensive and collective efforts of different executing divisions of the Corporation in general and Monitoring Division in particular. It would be more appreciable if the Annual Report on the activities of BADC brought out in time.

However, the Officers and the Staffs of the Monitoring Division, who worked hard for its compilation, deserve appreciation.

June, 2011

Dr. S.M. Nazmul Islam
Chairman
BADC

PREFACE

Publication of Annual Report on the activities of BADC is a statutory obligation. In fulfillment of such statutory requirement, The Monitoring Division of the Corporation, in close co-operation of the executing divisions and project offices has prepared the Annual Report for 2008-2009.

This Annual Report has exclusively dealt with the financial and physical achievements of 13 Development Projects (7 under crop sub-sector and 6 under irrigation sub-sector) and 7 Programs under revenue Crop Sub-Sector executed by BADC.

This Annual Report has been prepared jointly by Mr.Mohiuddin Ahmed, Chief (Monitoring), Mr. Sheikh Mohammed Saiful Islam, Deputy Chief (Monitoring), Mr. Ahmed Hasan Al Mahmud, Deputy Chief (Monitoring), Mr. Md. Abul Kashem, Asstt. Administrative Officer of this division assisted them. The services rendered by them are thankfully acknowledged. We also gratefully acknowledge the valuable co-operation extended by the officers of the executing divisions and project offices in providing data / information required to prepare this report.

The Annual Report for 2008-2009 was prepared and circulated to the concerned divisions for comments. Then it is finalized in accordance with comments received from them.

Finally, we are also thankful to the Chairman, BADC for his valuable advice and encouragement extended to us in bringing out the report in present shape.

Mohiuddin Ahmed
Chief
Monitoring Division
BADC, Dhaka

BADC MANAGEMENT

WHOLE - TIME MEMBERS OF THE BOARD:

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

EX-OFFICIO MEMBERS OF THE BOARD:

1. The Registrar, Co-operative Societies.
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 all the whole time Member-Director 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 whole-time Member-Director. The Administration wing functions under the direct supervision of the Chairman, assisted by the Secretary of the Corporation.

MANAGEMENT INFORMATION SUMMARY

1. Executing Agency Bangladesh Agricultural Development Corporation (BADC)

2. Year under report 2008-2009

3. No. of Programs and Projects under report
   a) 7 Programs Revenue (Crop Sub-Sector)
   b) 13 Development Projects (7 under Crop Sub-Sector and 6 under Irrigation Sector)

4. Provision for 7 Program under revenue (In Lakh Taka)

Sector	GOB	RPA	DPA	Total
Crop				

5. Total fund actually available under revenue (In Lakh Taka)

Sector	GOB	RPA	DPA	Own Receipt	Total
Crop					

6. Gross and Net Expenditure under revenue (In Lakh Taka):

Sector	Gross Expenditure	Own Receipt	Net Expenditure
Crop			

7. Provision for 13 Projects under ADP (In Lakh Taka)

Sector	GOB	RPA	DPA	Total
a) Crop				
b) Irrigation				
Total (a+b)				

8. Total fund actually available for 13 Projects under ADP (In Lakh Taka)

Sector	GOB	RPA	DPA	Own Receipt	Total
a) Crop					
b) Irrigation					
Total (a+b)					

9. Gross and Net Expenditure for 13 Projects under ADP (In Lakh Taka):

Sector	Gross Expenditure	Own Receipt	Net Expenditure
a) Crop			
b) Irrigation			
Total (a+b)			

10. Achievement of the Projects under ADP (In Percentage):

Sector	Crop sector	Irrigation sector
a) Financial		
b) Physical		

CONTENTS

CHAPTER - I

CROP SECTOR

Quality Seeds:

1.01 Quality seed is an essential input without which there cannot be a good crop. It plays a significant role in bringing out qualitative change in traditional agriculture in Bangladesh. Genetic quality of seeds is normally degenerated with time. In case of rice and wheat it is found that replacement of seed is necessary in 3-4 years. So, it is necessary to replace the old variety of seed by new varieties at regular intervals. Normally, varieties of breeder seed invented or developed in the breeding stations like BRRI, BARI are released by National Seed Board after proper examination and then handed over to BADC for multiplication as foundation seeds. Foundation seeds are multiplied as certified/truthfully labeled seeds at Seed Multiplication Farms (SM Farm) and Contract Growers (CG) zones of BADC. Seeds produced by S.M. Farms and Contract Growers are collected and processed properly in BADC seed processing centers and ultimately they are distributed among the farmers through BADC's distribution network. Thus, BADC is entrusted with the task of production, processing, preservation of quality seeds and making them available to the farmers.

1.02 During 2008-2009 BADC implemented the following Programs / projects for production, processing and distribution of cereal and other seeds.

Crop sector under revenue Program:

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

I) PRODUCTION OF IMPROVED CEREAL SEEDS THROUGH S. M. FARMS PROGRAM

1.03 The program for "Production of Improved Cereal Seeds through Seed Multiplication Farms" started functioning in 1954 -55. The project was included in the ADP for 2008-2009 as a continuous process like past. The major objectives of the program are given below: -

i) Multiplication of breeder seeds into foundation one;

ii) Multiplication of foundation seeds into certified one;

iii) Training up of private seed growers in the techniques of seed production in a scientific manner;

iv) Making foundation seeds available to the organized seed growers;

v) Carrying out observation and adaptive trials selection of varieties and building up stock of foundation seeds; and

vi) In service training of officials and field staff on improved methods of seed production, farm management etc.

1.04 This program comprises of 23 S.M. Farms of different sizes spread all over the country. Gradually, these farms were turned into modern farms through improving the techniques and modern technology of seed production in scientific manner, development of land and infrastructure, introducing modern farm machinery and equipment.

1.05 Farms are run under close supervision of expert seed technologist. HYV / Breeder seeds developed in different research institutes like BRRI, BARI which are in turn multiplied as foundation seeds in these farms by using modern technology and intensive care/ supervision. Total area of these 23 Farms is about 5554.54 acres. The farms are of different sizes ranging from 82 acres to 589 acres. The total area and cultivable area of land of each of these farms are shown in Table 1.01.

Table 1.01

Total area and cultivable area of land under each of The S.M. Farm of BADC

Sl. No.	Name of Farm	Location	Total Land (Acre)	Cultivable Land (Acre)
1	Pathila	Dattanagar, Jhenidah	589.00	424.00
2	Mathura	Dattanagar, Jhenidah	466.00	416.00
3	Gokulnagar	Dattanagar, Jhenidah	583.36	496.00
4	Karincha	Dattanagar, Jhenidah	570.00	480.00
5	Kushadanga	Dattanagar, Jhenidah	487.00	447.00
6	Sadhuhati	Sadhuhati, Jhenidah	100.00	81.00
7	Boalia	Godaipur, Khulna	104.53	76.00
8	Noornagar	Chuadanga, Chuadanga	98.65	78.00
9	Meherpur	Baradi, Meherpur	412.12	332.00
10	Tebunia	Tebnia, Pabna	440.00	340.00
11	Nilphamari	Nilphamari, Nilphamari	98.04	90.07
12	Mirpur	Gabtali, Dhaka	112.75	60.00
13	Madhupur	Kakraid, Tangail	498.98	352.29
14	Kashimpur	Gabtali, Mymensingh	97.13	80.13
15	Netrokona	Netrokona, Netrokona	115.98	103.21
16	Pangsha	Pangsha, Rajbari	103.16	84.50
17	Tambulkhana	Kanaipur, Faridpur	103.48	82.41
18	Panchgachhia	Panchgachhia, Feni	82.23	67.75
19	Sylhet (Sadar)	Islampur, Sylhet	104.03	84.00
20	Itakhola	Itakhola, Hobiganj	122.24	94.00
21	Jhilonja	Cox's Bazar, Cox's Bazar	82.00	58.00
22	Lakutia	Lakutia, Barisal	83.86	54.05
23	Thakurgaon	Thakurgaon, Thakurgaon.	100.00	70.00
Total:			**5554.54**	**4450.41**

1.06 From table 1.01, it is seen that out of total 5554.54 acres of land held by 23 S.M. Farms located in different places, 4450.41 acres of land have been brought under cultivation. However, cultivable area changes year to year. The farms are mainly used for producing foundation seeds from breeder seeds. Paddy, Wheat, Maize, Seed Potato, Vegetable, Pulses and Oil Seeds are produced in these farms. The target and actual production of various kinds of seeds in 23 S.M. Farms during 2008-2009 vis-a-vis actual of 2007-2008 are shown in Table 1.02.

Table 1.02

Variety-wise Target and Actual Production of Seeds in S.M. Farms During 2008-2009 vis-a-vis Actual of 2007-2008

[Qty. in M. Ton]

Name of Seed (Foundation)	2007-08 Actual	2008-2009		% Achieved against	
		Target	Actual	Target 2008-2009	Actual 2007-2008
Paddy:					
Aus:	604	755	796	105	132
Amon:	1980	2421	1864	77	94
Boro :	2870	2680	2531	94	88
Total Paddy	5454	5856	5191	89	95
Wheat	631	733	612	83	97
Maize	60	55	43	78	72
Potato	1056	989	805	81	76

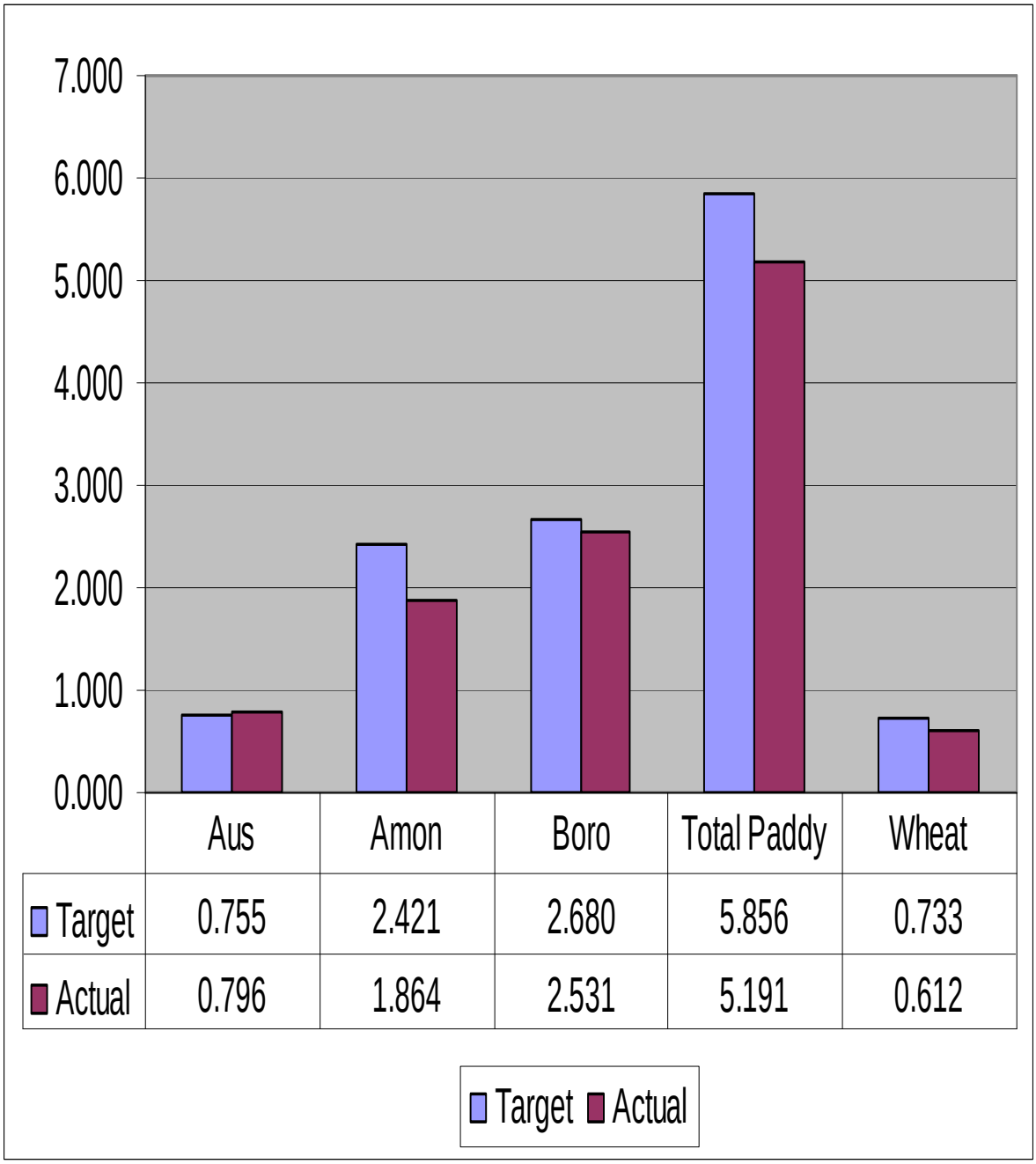
1.07 From Table 1.02 we see that against the target for production of 5856 metric tons of paddy seeds, a total quantity of 5191 metric tons was actually produced during the year 2008-2009. This achievement against target was 94% and 88% against the actual production made during 2007-2008. As regards wheat seed production for the year, the target was fixed at 733 metric tons against which a quantity of 612 metric tons was actually produced. The achievement was 83% against the target and 97% over the actual production made during 2007-2008. Further the target for production of maize seed was fixed at 55 metric tons against which 43 metric tons were produced. The achievement against target was 78% and 72% over the actual of previous year. The target for production of seed potato was fixed at 989 metric tons, against which 805 metric tons were produced. The achievement was 81% against the target of the year and 76% over the actual of previous year. Besides these seeds, pulses and oil seeds were also produced in the farms during the year under report.

1.08 The trend of production of paddy & wheat seeds in Seed Multiplication Farms during 2008-2009 in comparison to previous year i.e. 2007-2008 is presented graphically at Chart-1 and Chart-2.

CHART – 1

TARGET & ACTUAL PRODCTION OF SEEDS
THROUGH S.M. FARMS DURING 2008-2009

(IN '000' M.TON)



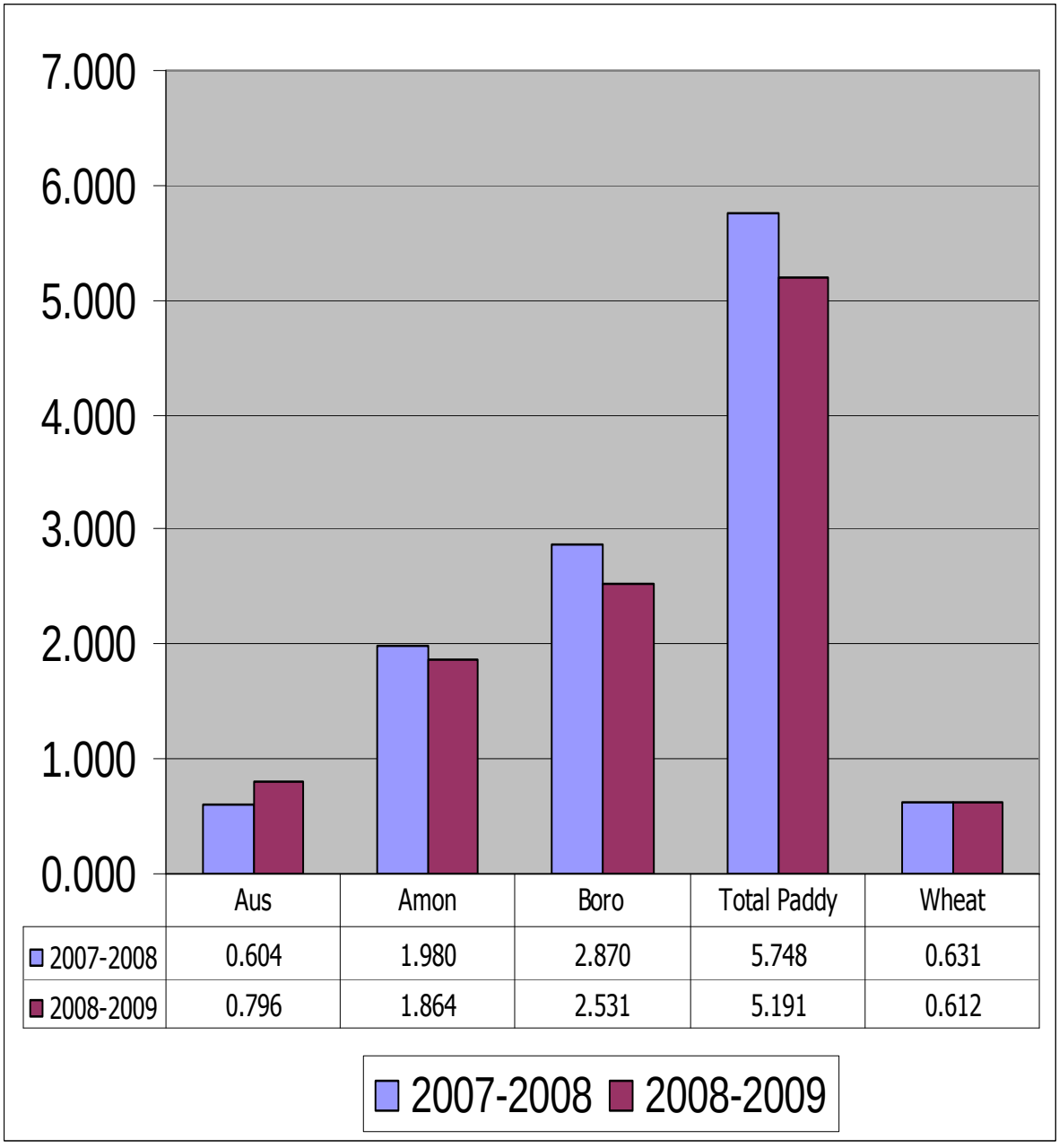
	Aus	Amon	Boro	Total Paddy	Wheat
Target	0.755	2.421	2.680	5.856	0.733
Actual	0.796	1.864	2.531	5.191	0.612

CHART – 2

PRODUCTION OF SEEDS IN S.M. FARMS

DURING 2007-2008 AND 2008-2009

(IN '000' M.TON)



	Aus	Amon	Boro	Total Paddy	Wheat
2007-2008	0.604	1.980	2.870	5.748	0.631
2008-2009	0.796	1.864	2.531	5.191	0.612

1.09 Farm – wise and crop – wise target and actual production of paddy and wheat seeds during the year 2008-2009 is shown at **Appendix-A**.

PRODUCTION OF IMPROVED CEREAL SEEDS THROUGH CONTRACT GROWERS PROGRAM

1.10 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 use of improved seeds along with appropriate technology. Thus, to cope with the growing demand of HYV seeds of different crops, BADC has taken up different projects for production of improved seeds in larger quantity. The HYV seeds of different crops produced and distributed by BADC have wide demand among the farmers. Improved seeds produced in BADC S.M. Farms are very insufficient to meet the national demand of seed. So BADC started producing seed by the selected farmers in different areas at farmer's field. Later on, to improve the seed production at farmer's plot, BADC introduced a project for "Production of Improved Cereal Seeds through Contract Growers" in 1976. Contract Growers systems for seed production is more systematic, organized and effective than earlier system. However, the Program was included in the Revenue Program of 2008-2009 as a continuous process.

1.11 The major objectives of the program are given below:

i) To organize growers and arrange for their training on seed technology for production of quality seeds.

ii) To arrange to production of certified / truthfully labeled seeds by multiplication of foundation seeds through contract growers.

iii) To ensure supply of various agricultural inputs to the Contract growers in time, and

iv) To provide technical assistance and other facilities for establishment of seed industries under private sector.

1.12 The foundation seeds produced in S.M. Farms are distributed to the contract growers for multiplication into certified seeds. BADC had 15 contract growers' zones all over the country during the year under report. Under this project, the contract growers produce HYV seeds mainly paddy and wheat seed under close supervision of BADC personnel. The list of contract grower's zone, which was in operation during the year 2008-2009, is shown in Table 1.03.

Table 1.03

List of Contract Growers Zones

Sl. No.	Name of Contract Growers' Zones	Sl. No.	Name of Contract Growers' Zones.
01	Dhaka	09	Jessore
02	Modhupur (Tangail)	10	Tebunia (Pabna)
03	Jamalpur	11	Rajshahi
04	Itakhola (B. Baria)	12	Bogra
05	Chittagong	13	Rangpur
06	Faridpur-Barisal	14	Dinajpur
07	Chuadanga	15	Thakurgaon
08	Meherpur		

1.13 The target and actual production of paddy and wheat seeds by contract growers during 2008-2009 vis-a-vis the actual production of 2008-2009 is shown in Table 1.04.

Table 1.04

Target and Actual Production of Seeds by the Contract Growers during 2008-2009 vis-a-vis Actual of 2007-2008

(Qty. in M. Ton)

Name of Seed	2007-2008 Actual	2008-2009		% Achieved against	
		Target	Actual	Target 2008-2009	Actual 2007-2008
Paddy:					
Aus	618	120	65	54	11
Amon	8232	11501	8951	78	109
Boro	19350	20270	23275	115	120
Total Paddy:	**28200**	**31891**	**32771**	103	116
Wheat	11984	14424	14220	99	119
Maize	28				

1.14 From table 1.04 it would appear that BADC through its Contract Growers produced 65 metric tons of Aus seed during 2008-2009 against the target of 120 metric tons. The achievement was 54% of the target and 11% over the actual production of 2007-2008. In case of Amon seed, BADC produced 8951 metric tons against the target of 11501 metric tons. The achievement was 78% of the target of the year and 109% over the actual production of previous year. The target for production of Boro seed during the year under report was 20270 metric tons against which 23275 metric tons were actually produced. The achievement was 115% against the target and 120% over the actual production of 2007-2008.

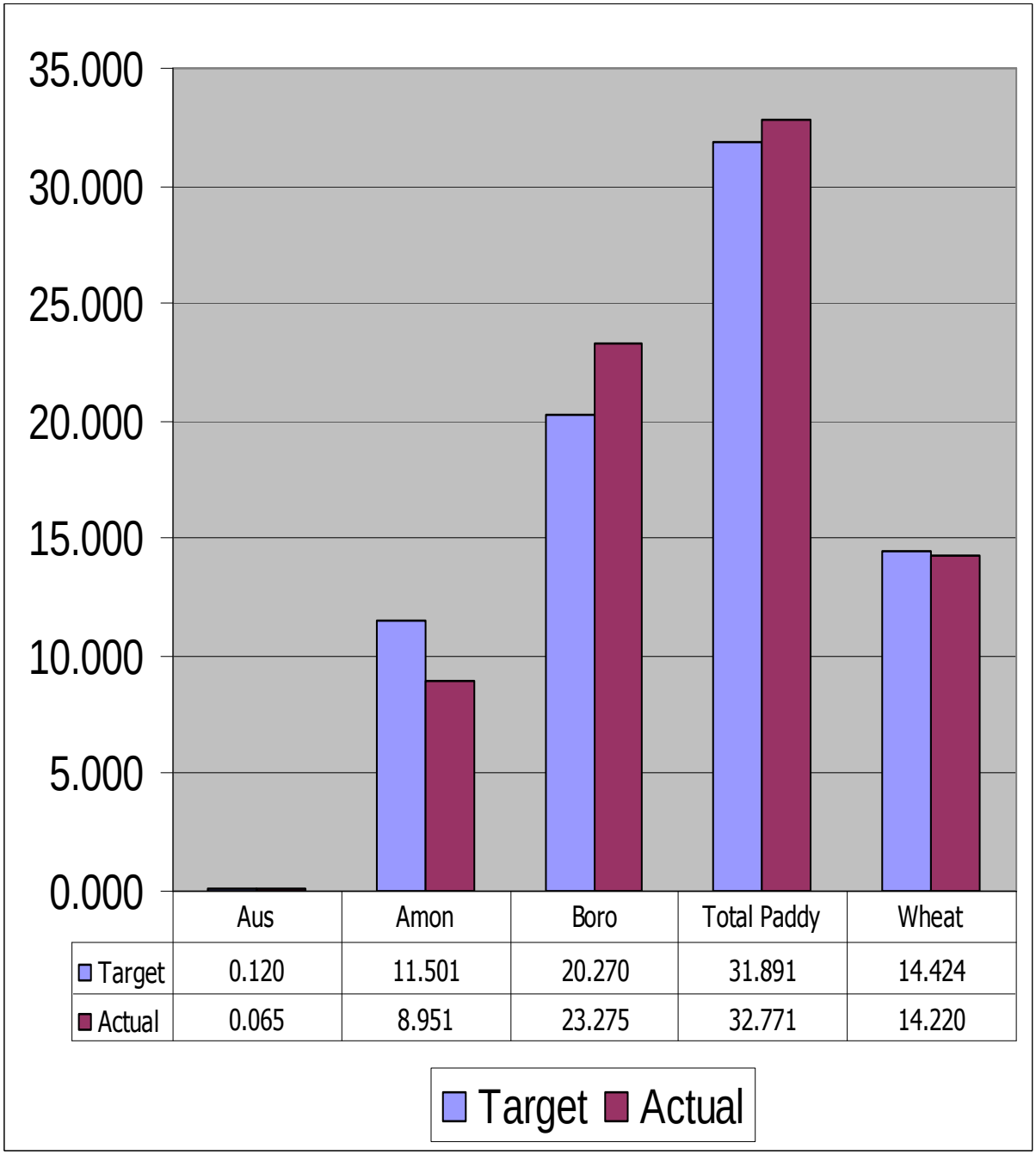
1.15 The total production of paddy seeds during 2008-2009 under this program finally stood at 32771 metric tons against target of 31891 metric tons. The achievement of production was 103% against the target of the year and 116% over the actual production of previous year. As regards wheat seed production, actual production was 14220 metric tons that shows 99% achievement against the target of the year and 119% over the actual production of previous year.

1.16 Chart –3 and Chart-4 shows the graphical representation about production of cereal seeds through contract growers during the year 2008-2009 and 2007-2008.

CHART – 3

TARGET AND ACTUAL PRODUCTION OF SEEDS THROUGH C.G. DURING 2008-2009

(IN '000' M.TON)



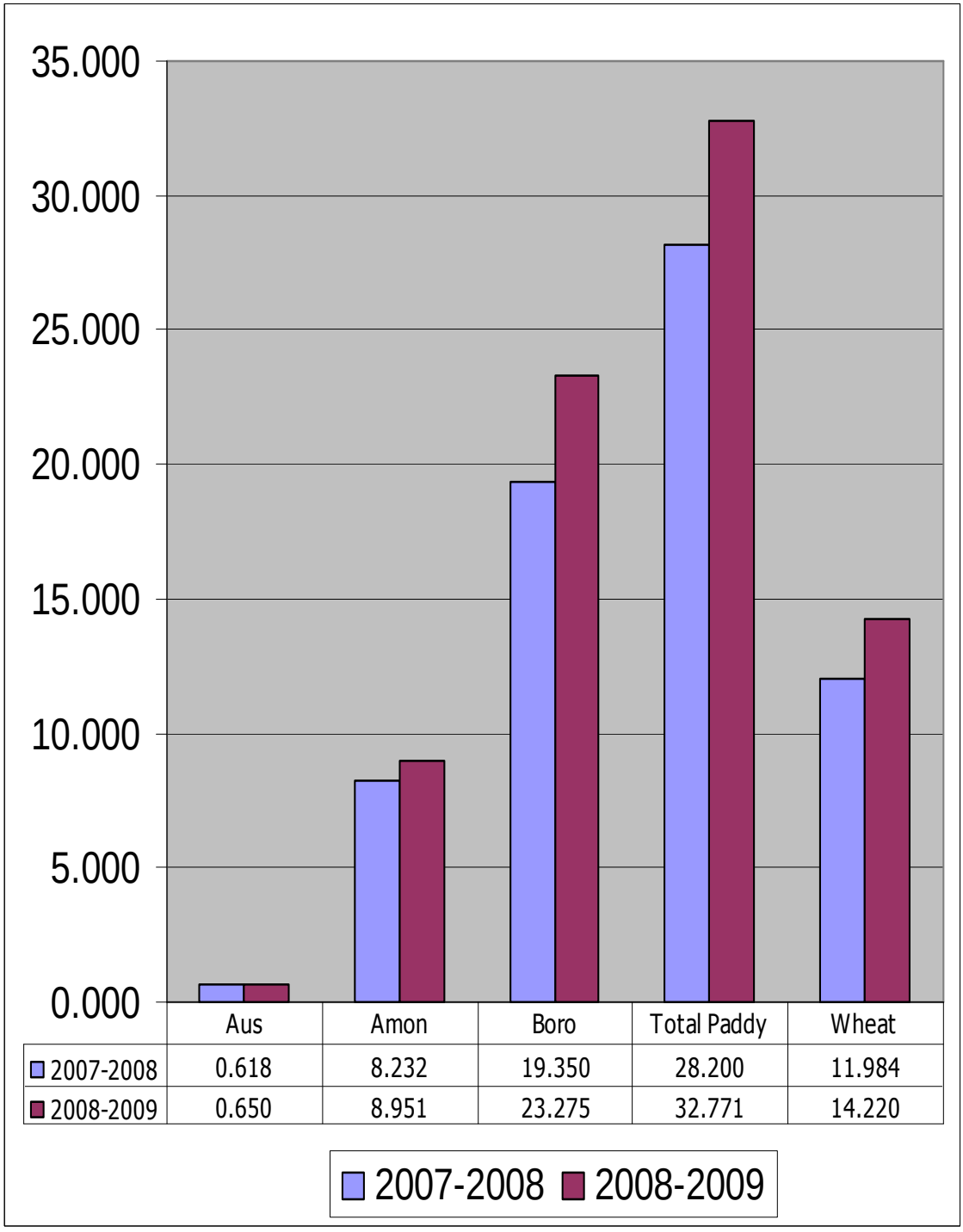
	Aus	Amon	Boro	Total Paddy	Wheat
Target	0.120	11.501	20.270	31.891	14.424
Actual	0.065	8.951	23.275	32.771	14.220

CHART – 4

PRODUCTION OF SEEDS THROUGH CG

DURING 2007-2008 AND 2008-2009

(IN '000' M.TON)



PROCUREMENT, PROCESSING AND DISTRIBUTION OF IMPROVED CEREAL SEEDS PROGRAM

1.17 BADC produces HYV seeds of different crops through seed multiplication farms and contract growers. The seeds are procured at the prices fixed by the Government and are

processed through BADC Seed Processing Centers (SPC). The seeds thus procured are ultimately distributed to the farmers through BADC network. In order to ensure timely supply of improved variety of seeds to the farmers, BADC has been executing the program namely, "Procurement, Processing and Distribution of Improved Seeds" since inception. The program was included in the ADP of 2008-2009 as a continuous process. The major objectives of the program are given below:

i) Procurement, Processing and Distribution of Improved Foundation Certified and truthfully labeled vegetable and cereal seeds;

ii) Build up a good seed dealer network through training and technical support;

iii) Develop private sector seed entrepreneurs and seed producers.

1.18 The activities of the project are divided into three stages such as

Procurement;

Processing and

Distribution

Procurement:

1.19 The first stage of the program is procurement of improved seeds produced by S. M. Farms & Contract Growers Zones and sends them to BADC Seed Processing Centers for processing. Table 1.05 shows the target and actual procurement of different kinds of seeds during 2008-2009 vis-a-vis the actual of 2007-2008.

Table 1.05

Target and Actual Procurement of Seeds during 2008-2009 vis-a-vis Actual of 2007-2008

(Qty. in M. Ton)

Name of Seed	2007-2008 Actual	2008-2009		% Achieved against	
		Target	Actual	Target 2008-2009	Actual 2007-2008
Paddy:					
Aus	610				
Amon	11562				
Boro	25842				
Total Paddy	**38018**				
Wheat:					
Local	14186				
Import					
Total Wheat	**14186**				
Mazie					
Local	65		40		
Import					
Total Maize:	**65**				

1.20 It is seen clearly from the table 1.05 that the corporation drew up a program for the procurement of 34600 metric tons of paddy and 13000 metric tons of wheat seeds locally during 2008-2009. Against that, a total of 33497 metric ton of paddy and 12806 metric tons of wheat seeds was procured during 2008-2009. The achievement of procurement for paddy seeds was however 97% against the target of the year and 117% over the actual of previous year. As regards wheat seed procurement, the achievement was 99% of the target and 84% over the actual procurement of previous year. Further, procurement target of Maize seeds during 2008-2009 was fixed at 200 metric tons against which 155 metric tons were actually procured. The achievement of procurement was 78% against the target of the year and 69% over the actual procurement of previous year.

Processing & Preservation:

1.21 The quality of seeds largely depends on proper processing and preservation in ideal condition. BADC established 16 (Sixteen) Seed Processing Centers at different important places of the country. These Seed Processing Centers are equipped with modern seed

processing machinery and technical facilities. The location of the seed processing centers along with their storage capacity is shown in Table 1.06.

Table 1.06

Location & Storage Capacity of Seed Processing Centers

(In M. Tons)

Sl. No.	Name of SPC	Location	Storage Capacity	New Storage Capacity
1.	Chuadanga	Chuadanga	2900.	4300
2.	Madhupur	Tangail	3400	3900
3.	Tebunia	Pabna	2500	2500
4.	Rajshahi	Rajshahi	1700	1700
5.	Rangpur	Rangpur	2000	2000
6.	Dinajpur	Dinajpur	1800	1800
7.	Thakurgaon	Thakurgaon	1800	1800
8.	Bogra	Bogra	1700	1800
9.	Jessore	Jessore	1800	1800
10.	Meherpur	Meherpur	1500	1500
11.	Faridpur	Faridpur	1500	1500
12.	Lakutia	Barisal	800	800
13.	Mirpur	Dhaka	200	150
14.	Comilla	Comilla	1000	1000
15.	Itakhola	Hobigonj	800	800
16.	Chittagong	Chittagong	1800	1800
Total:			**27200**	**29150**

1.22 BADC procures improved seeds of different crops from S.M. Farms and Contract Growers and processes them in the above Seed Processing Centers under supervision of highly technical personnel and preserves them for distribution in the next crop season. The total quantity of improved seeds of different crops procured, processed & preserved in different Seed Processing Centers of BADC during the year 2008-2009 may be seen in Table 1.07.

Table 1.07

Center wise quantity of Improved Seeds Procured, Processed and Preserved during 2008-2009

[Qty. in M. Ton]

Sl. No.	Name of SPC	Paddy				Wheat			Maize		
		Aus	Amon	Boro	Total	Local	Import	Total	Local	Import	Total
1	Chuadanga	372	3555	6098	10025	4216		4216			
2	Madhupur	107	2059	8879	11045	373		373	18		18
3	Tebnia	110	879	1995	2984	927		927			
4	Rajshahi		310	1435	1745	772		772	11		11
5	Rangpur		356	873	1229	474		474			
6	Dinajpur		653	1480	2133	1611		1611			
7	Thakurgaon		321	1372	1693	3742		3742			
8	Bogra		437	973	1410	631		631			
9	Jessore	198	1345	2946	4489	1235		1235			
10	Meherpur	15	726	1469	2210	1781		1781	11		11
11	Faridpur	6	209	944	1159	947		947			
12	Lakutia	5	18	219	242						
13	Mirpur (Dhaka)		113	168	281						
14	Comilla		367	1309	1676						
15	Itakhola	12	304	1117	1433	122		122			
16	Chittagong	30	432	554	1016						
Total		855	12084	31831	44770	16831		16831	40		40

1.23 From the table 1.07 it is clear that BADC preserved 44770 metric tons of paddy seeds during 2008-2009 at 16 seed processing centers. Of the total paddy seeds preserved, 855 metric tons were Aus seeds, 12084 metric tons were Amon seeds and the rest 31831 metric tons were Boro seeds. Besides this, BADC processed and preserved 16831 metric tons of locally procured wheat seeds during the year. In addition to this, 40 metric tons maize seeds procured locally were also processed & preserved at these centers during the year under report.

Service to Private Sector:

1.24 One of the main objectives of the National Seed Policy is to develop seed industries in private sector. In conformity with the national objectives, BADC has been rendering services to the private sector since 1991. The services rendered by BADC Seed Processing Centers to the private entrepreneurs, growers and agencies are seed drying, cleaning, grading, storing, germination, moisture and purity test etc. The quantity of seeds of private sector processed at different SPCs and the service charges realized from 2003-2004 are shown in Table 1.08.

Table 1.08

Quantity of Seeds of Private Sector Processed at Different SPCs since 2007-2008 & 2008-2009

Sl. No.	Year	Name of agencies under Private Sector	Quantity of seed processed (In M.Ton)	Service charges realized (In Lac Taka)
1	2007-2008	a) Contract Farmers b) Private Company c} Farmers d) NGO e) Farmers of Adhik Beej Project f) Farmers of Apad Project g) Others	60376	161.66
2	2008-2009	a) Contract Farmers b) Private Company c} Farmers d) NGO e) Farmers of Adhik Beej Project f) Farmers of Apad Project g) Others		

Training:

1.25 In accordance with the national seed policy BADC is now in a position to work for transferring seed technology to private sector. In this connection BADC offered training to different Govt. and Non-Govt. agencies on different stages of seed production, preservation, testing and quality control of seed etc. in its seed technology transfer center at Gabtoli, Mirpur, Dhaka. The training course offered by BADC during 2008-2009 shown in Table 1.09.

Table 1.09

Training conducted by STTC, BADC, Gabtoli, Mirpur, Dhaka during 2008-2009

Sl No	Title	Participating organization/ Group	No of Participants			Sponsored by	Duration of Training day
			Govt	Private	Total		
1	Quality Control of Seed	BADC, DAE	5	15	20	MOA/ DANIDA	2
2	Seed policy and laws	Seed Dealer		20	20	MOA/ DANIDA	2
3	Seed Technology Related	BARI, BSMRAU, PSTU, DAE, PSTU, DAE, SCA, BRRI, CDB, Pvt. Seed Company	8	12	20	MOA/ DANIDA	2
4	Production & Preservation Technology of Pulse & Oil seeds	BADC	32		32	BADC	2
5	Quality Control of Seed	BARI, BJRI, PSTU, DAE, SCA, BADC	9	16	25	MOA/ DANIDA	2
6	Production & Preservation Technology of Pulse & Oil seeds	BADC	19		19	BADC	2
7	Seed Testing and Quality Control	BADC	32		32	BADC	2
8	Financial Management	BADC	13		13	BADC	2
9	Cereal Hybrid Seed Production Technology	BADC	25		25	BADC	1
10	Cereal Pulse & Oil Seed Production Technology	BADC	24		24	BADC	1
11	Potato & Spices Seed Production Technology	BADC	20		20	BADC	1
12	Quality Control of Seed	Pvt. Seed Company		23	23	MOA/ DANIDA	2
13	Seed Technology	DAE	20		20	MOA/ DANIDA	2
14	TOT	Pvt. Seed Company		32	32	Pvt. Seed Co.	5
15	Seed Technology	DAE	20		20	MOA/ DANIDA	1
16	Cereal Seed Processing & Preservation Technology	BADC, BAU, SCA, Private Seed Company	5	18	23	MOA/ DANIDA / BADC	2
17	Seed Technology	DAE	20		20	MOA/ DANIDA	1
18	Seed Procuring & Preservation	Private Seed Company		25	25	Private Seed Co.	1
19	Seed Technology	BADC, BAU, BSFIC, DAE, Pvt. Seed Company	6	14	20	MOA/ DANIDA	2

Distribution:

1.26 The ultimate objective of this program is to distribute improved seeds to the growers/farmers for cultivation of crops in their respective lands. BADC seeds have wide range demand among the farmers because of its quality. BADC distributes the HYV seeds of different crops to the farmers through its upazilla Sale Center and Seed dealers spread all over the country. During the year 2008-2009 BADC envisaged a program for distribution of 33184 metric tons of paddy seeds, 12414 metric tons of wheat seeds. The target and actual distribution of seeds of different crops during 2008-2009 may be seen in detail in Table 1.10.

Table 1.10

Target and Actual Distribution of Seeds during 2008-2009 vis-a-vis Actual of 2007-2008

[Qty in M. Ton]

Name of Seed	**2007-2008** Actual	2008-2009		% Achieved against	
		Target	Actual	Target 2008-2009	Actual 2007-2008
Paddy:					
Aus	472	851	467	55	99
Amon	13619	16344	15485	95	114
Boro	32035	35912	34279	95	107
Total Paddy:	**46126**	**53107**	**50231**	95	109
Wheat	16275	17605	15713	89	97
Potato	10013	11850	10846	92	108
True Potato Seed (TPS)		0.009	0.005	56	
Jute		925	892	96	
Maize (Rabi)		83	15	18	
Oil Seed					
Pulse Seed					
Winter Vegetable Seed		37	31	84	
Summer Vegetable Seed					

1.27 From Table 1.10, it realized that against the distribution target, BADC distributed 50231 metric tons of paddy seeds, 15713 metric tons of wheat seeds, 15 metric tons of maize seeds to the farmers / growers during the year 2008-2009.

IV) JUTE SEED PROGRAM

1.30 Jute is one of the major cash crops of Bangladesh. A considerable amount of export earning of
the country comes from the export of raw jute and jute goods. With a view to ensuring reduction of quality jute in the country, BADC has been implementing the program namely "Jute Seed Program" since 1989-1990 for production of improved variety of jute seeds in its farms and contract growers zones.

1.31 The major objectives of the program are:

i) Production of improved/quality jute seed;

ii) Multiplication of breeder seeds into foundation seed;

iii) Multiplication of foundation seeds into certified seed;

iv) Making improved jute seeds available to the organized seed growers;

v) Training up of private seed growers about technique of seed production in a scientific manner;

vi) Carrying observation and adoptive trials. selection of varieties and building up stock of foundation seeds;

vii) In-service training of officials and field staff on improved methods of seed production, farm management etc.

Production:

1.32 BADC produces quality jute seed through six contract growers' zones and two farms. The six jute seed contract growers zones are located at Dhaka, Tangail, Bogra, Rajshahi, Kushtia and Jessore. Two jute seed farms are situated at Nashipur in Dinajpur district and Chitla in Meherpur district. The farms are specially used for production of foundation jute seeds and contract growers zones are used for production of certified jute seeds.

1.33 During 2008-2009 BADC chalked out a program for production of foundation and certified jute
seed in the farms and C. G. Zones. The zone wise and farm wise target and actual production
of foundation and certified jute seed may be seen in Table 1.11.

Table 1.11

Target and Actual Production of Foundation & Certified Jute Seed during 2008-2009

(Qty. in M. Ton)

Name of Farm/Zone	Target			Actual			% Achieved
	Cap	Oli	Total	Cap	Oli	Total	
A) Foundation Seed (Farm):							
1. Nashipur (Dinajpur)	12	13	25	17	22	39	156
2. Chitla (Meherpur)	12	13	25	14	11	25	100
Total (A):	**24**	**26**	**50**	**31**	**33**	**64**	128
B) Certified Seed (CG Zones):							
1. Dhaka	110	20	130	9		9	7
2. Tangail	110	50	160	16	4	20	13
3. Bogra	80	50	130		6	6	5
4. Rajshahi	50	230	280	26	288	254	91
5. Kushtia	100	170	270	114	112	226	84
6. Jessore	130	100	230	78	94	172	75
Total (B):	580	620	1200	243	504	687	57
Total (A+B):	604	646	1250	274	537	751	60

1.34 From the above Table 1.11, BADC produced a total quantity of 1055.60 metric tons of Jute seeds (including foundation and certified seeds) against target of 1253.00 metric tons from its farms and six contract grower zones during the year 2008-2009. The achievement of production against the target was 59%. Among the total production, 60.00 metric tons were foundation seeds (including production under stage-I) while the rest 955.60 metric tons were certified seeds. It may be mentioned that the production of certified jute seeds in six contract grower zones during the year was quite satisfactory.

Procurement:

1.35 BADC procures jute seed produced by contract growers and farms and preserves them after processing for distribution to the farmers during the season. Target and actual procurement of jute seed during the year under report are shown in Table 1.12.

Table 1.12

Target and Actual Procurement of Foundation and Certified Jute Seed during 2008-2009

[Qty in M. Ton]

Name of Farm/Zone	Target			Actual			% Achieved
	Cap	Oli	Total	Cap	Oli	Total	
A) Foundation Seed (Farm):							
1. Nashipur (Dinajpur)	12	10	22	16	18	34	155
2. Chitla (Meherpur)	9	9	18	9	6	15	83
Total (A):	**21**	**19**	**40**	**25**	**24**	**49**	123
B) Certified Seed (C.G. Zones)							
1. Dhaka	90		90	36		36	40
2. Tangail	90	30	120	30	1	31	26
3. Bogra	90	50	140	18	2	20	14
4. Rajshahi	50	230	280	18	73	91	33
5. Kushtia	150	170	320	140	37	177	55
6. Jessore	14	120	260	114	34	148	57
Total (B):	484	600	1210	356	147	503	42
Total (A+B):	505	619	1250	381	171	552	44

1.36 From Table 1.12, it is clear that BADC procured a total quantity of 552 metric tons of Jute Seeds (including foundation and certified seeds) against target of 1250 metric tons from its two foundation farms and six contract grower zones during 2008-2009. The achievement of procurement against the target was, however, 44%. Out of the total procurement, 49 metric tons were foundation seeds (including procurement under stage-1) while the rest 503 metric tons were certified Jute seeds. It may be mentioned here that the procurement of seeds is made on the basis of quality and standard of seeds.

V) AGRO-SERVICE CENTER PROGRAM

1.37 As a result of increase in population day by day our growing field is decreasing. So our production capacity is also decreasing more than expectation. On the other, hand, as people are being educated and self-conscious, the demand for fresh vegetables, fruits and other products increasing rapidly. To meet these demand in accordance with the governments directives BADC had taken step to establish 13 Agro-Service Centers (ASC) in different places of the country. Each of the centers comprises of a demonstration farm and a program area. The location and area of this Agro-Service Centers (ASC) are shown in Table- 1.13.

Table 1.13

Location and Area of Agro-Service Centers

Sl. No.	Location	Area of Demonstration Farm (Acres)	Command Area (Acres)
1.	Moheshwarpasha, Daulatpur, Khulna	12.73	20,000
2.	Ramanandapur, Kotwali, Pabna	11.43	20,000
3.	Ashratnagar, Rangpur	12.00	20,000
4.	Chehelgazi, Dinajpur	52.00	20,000
5.	Dapunia, Jamalpur	11.10	20,000
6.	Latifabad, Kishoregonj	9.79	20,000
7.	Kumergaon, Sylhet	9.16	20,000
8.	Lama, Bandarban	35.35	20,000
9.	Balaghata, Bandarban	11.24	20,000
10.	Charuria, Noakhali	12.00	20,000
11.	Lakutia, Barisal	15.89	20,000
12.	Khalishakhali, Patuakhali	11.74	20,000
13.	Barguna, Sadar	12.00	20,000
	Total:	**216.43**	**2,60,000**

1.38 The main objectives of the program are as follows:-

i) To ensure supply of fresh vegetables, fruits and spices in and around growing cities to solve nutritional problem and improve the quality of life;

ii) To run a demonstration farm in each ASC to experiment with new varieties and technologies for ascertaining local suitability, to transfer the result to the farmers in the catchment's area and to produce horticultural propagating materials (grafts, gooties, saplings etc.) for distribution to the farmers;

iii) To organize farmers' groups/co-operatives in the project area for intensifying production of vegetables, fruits, fish, cattle etc;

iv) To provide training and technical guidance to the farmers of the project areas on improved technology and modern farm practices;

v) To ensure timely supply of farm inputs viz, fertilizer, irrigation, credit, pesticides, planting materials etc. and distribute sealed seed packages; so that the farmers can implement their production program without any hindrance; and

vi) To improve infra-structural facilities for marketing of produces of demonstration farms and of the project areas in the cities and also to the ships at the marine ports.

1.39 In order to implement the above objectives, all the ASCs situated in different places of the country as mentioned in the earlier paragraph were organized suitably. Besides, village-based farmers' co-operatives/groups were also organized in the project areas of each of the ASCs. These agro-based co-operatives/groups were offered all types of facilities through training, transfer of modern agricultural technologies, supply of improved variety of seeds, seedlings, grafts, gooties etc. In addition to that, the Agro Service centers have also arranged necessary facilities to ensure proper marketing of the products of the farmers in the project areas. These activities of Agro Service Centers created momentum and opened a new era of agricultural revolution in the project area so far as the production of agricultural crops particularly vegetables and fruits are concerned. The project has also positive impact on the socio-economic conditions of the farmers in the project areas.

Production:

1.40 As mentioned earlier, the main objective behind the establishment of Agro-Service Centers is to accelerate the production of fresh vegetables and fruits in the centers as well as in the project areas. As such, all Agro-Service Centers made concerted efforts for production of fresh vegetables, fruits etc. in its demonstration farms. Table 1.14 shows the target and actual production of vegetables, fruits, graft/gooties etc in the Agro-Service Centers as well as in the project areas during the year 2008-2009.

Table 1.14

Target & Actual Production of Vegetables, Fruits, Grafts/Gooties etc In Agro-Service Centers during 2008-2009

Sl. No	Item	Unit	Target			Actual			% Achieved
			Farm	Project	Total	Farm	Project	Total	
1	Summer Vegetables	M.T	200	12000	12200	200	12000	12200	100
2	Winter Vegetables	M.T	600	35000	35600	600	35100	35700	102
3	Spices crop	MT	15	230	245	10	180	190	78

4	Vegetable Seedlings	'000'Nos.	1500	2000	3500	1490	2000	3490	100
5	Coconut Seedlings	'000'Nos.	170	85	255	170	50	220	75
6	Seedlings & Grafts / Gooties of fruits	'000'Nos.	900	1500	2400	850	1500	2350	98
7	Fruits	M.T	36	850	886	40	850	890	101

1.41 During 2008-2009, all out efforts were made to achieve the target as drawn up for extensive production of vegetables, seeds, seedlings, grafts/gooties etc. in the 13 ASC's and respective command areas. From Table 1.14 would appear that during 2008-2009, there was a program to produce 47700 metric tons of vegetables, 242 metric tons of Spices Crop and 886 metric tons of fruits in 13 (Thirteen) Agro-Service Centers and program areas. The actual production during the year was 47000 metric tons of vegetables, 171 metric tons of Spices Crop and 850 metric tons of fruits. The achievement of production of vegetables, Spices Crop and fruits against the target was therefore 99%, 71% and 96% respectively. Further 3350 thousand nos. of vegetable seedlings, 250 thousand nos. of coconut seedlings and 2315 thousand nos. of grafts & gooties of fruits were also produced in the centers and project areas during the year under report. The achievement of vegetable Seedling, Coconut Seedling and grafts & gooties of fruits against the target was 96%, 100% and 101% respectively.

Distribution:

1.42 Table 1.15 shows the target and actual distribution of vegetables, fruits, seeds and seedlings during the year 2008-2009.

Table 1.15

Target and Actual Distribution of Vegetables, Fruits & Vegetables Seeds, Seedlings, Grafts/Gooties etc. in Agro-Service Centers during 2008-2009

Sl. No.	Item	Unit	2008-2009		% Achieved
			Target	Actual	
1	Summer Vegetables	M.T	12200	12200	100
2	Winter Vegetables	M.T	35600	35700	100
3	Spices crop	MT	245	190	78
4	Vegetable Seedlings	'000'Nos.	3500	3490	100
5	Coconut Seedlings	'000'Nos.	255	220	86
6	Seedlings & Grafts / Gooties of fruits	'000'Nos.	2400	2350	98
7	Fruits	M.T	886	890	100

1.43 From Table 1.15, it would appear that the overall distribution performance of the ASC's during 2008-2009 was however satisfactory. Actual distribution of most of the items was above 83% of the target.

1.44 As regards input supply, each Agro-service center envisaged a program to distribute improved variety of seeds, seedlings, grafts, gooties etc. to the farmers of the project area at fair price through its sale centers. From Table 1.15, it can be said that BADC distributed 48061 metric tons of vegetables, 233 metric tons of Spices Crop, 3671 thousand nos. of vegetables seedlings, 254 thousand nos. of coconut seedlings and 2277 thousand nos. of Seedling & graft/gooties of fruits to the farmers for extensive production of these items in the areas during the year 2008-2009.

1.45 A comparative statement regarding the activities of Agro-Service Centers made during the year 20062007and 2008-2009 is shown in Table 1.16.

Table 1.16

Comparative Statement showing the Demonstration Farms Activities of ASCs during 2008-2009 and 2007-2008

Sl. No.	Activities	Unit	2007-2008 Actual	2008-2009		% Achieved against	
				Target	Actual	Target 2008-2009	Actual 2007-2008
1	Vegetable Production	M. Ton	490	47800	47900	100	9776
2	Vegetable Distribution	M. Ton	490	47800	47900	100	9776
3	Spices crop production	M. Ton	10	245	190	78	1900
4	Spices crop distribution	M. Ton	10	245	190	78	1900
5	Vegetable Seedlings Production	'000' Nos	1300	3500	3490	100	268
6	Veg. Seedlings Distribution	'000' Nos	1300	3500	3490	100	268
7	Prodn. of Grafts/Gooties of fruits	'000' Nos	850	2400	2350	98	276
8	Distbn. of Grafts/Gooties of fruits	'000' Nos	850	2400	2350	98	276
9	Production of Coconut Seedlings	'000' Nos	170	295	220	75	129
10	Distribution of Coconut Seedlings	'000' Nos	170	295	220	75	129
11	Production of Fruits	M. Ton	40	886	890	100	2225
12	Distribution of Fruits	M. Ton	40	886	890	100	2225

1.46 From Table 1.16, the activities of Agro-Service Centers comparatively show that the production and distribution of all the crops (except vegetable and vegetable seedling production and distribution) have increased than the previous year.

Marketing:

1.47 Marketing plays a vital role in the activities of supplying produces to the consumers. BADC, side by side, with the production in ASCs 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 areas 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 areas.

Training:

1.48 The Agro-Service Centers, as a part of its activities, are imparting training to the farmers of the project areas on modern agricultural technologies for production of improved variety of winter and summer vegetables, fruits, grafts, gooties etc. and other non-traditional items. The training is being conducted in groups formed in blocks/units in the project areas. Necessary allowances and conveyances are also given to the farmers for taking part in the training program. This training is a regular phenomenon of ASCs and the farmers take part in the training program at their own interest in order to get them acquainted with the modern agricultural technologies and farm practices. The progress of training is shown in Table 1.17.

Table 1.17

Progress of Training

Year	No. of Participants		% Achieved
	Target	Actual	
1994-1995	5000	4500	90
1995-1996	5000	5427	109
1996-1997	6000	4400	73
1997-1998	4296	3676	86
1998-1999	4620	4200	91
1999-2000	2280	1880	82
2000-2001	4000	3480	87
2001-2002	8400	4680	56
2002-2003	9400	4600	49
2003-2004	7202	4935	67
2004-2005	8000	5600	70
2005-2006	7500	7500	100
2006-2007	7500	7500	100
2007-2008	7500	7500	100
2008-2009	7500	7500	100

VI) NATIONAL VEGETGABLE SEED PROGRAM

1.49 To attain sustainability in vegetable seed, BADC has taken up this project to be implemented during 2008-2009. The objective of the program is to supply quality vegetable seeds-both foundation & improved. The project is also endeavoring to develop private seed industry by providing technical assistance and structural facilities to the private `sector.

1.50 The program has 2 vegetable seeds farms one at Rangpur and the other at Meherpur, 2-contract grower's zones adjacent to the farms and 1 seed-processing center at Dhaka. The program produces foundation and improved seeds of different recommended and local vegetable varieties. Production of vegetable seeds during 2008-2009 is presented in Table 1.20.

Table 1.20

Production of Vegetable Seeds during 2008-2009

[Figure in M. Ton]

Sl. No.	Season	Foundation	Improved	Total
1	Kharif	8.058	36.631	44.689
2	Rabi	10.352	31.559	41.911
Total		**18.410**	**68.190**	**86.600**

1.51 Further the program also provided 6.202 metric ton dehumidified seed storage facilities to the private sector during the period under report. The details of storage facilities provided during 2008-2009 are shown in Table 1.21

Table 1.21

Seed storage facilities provided to the private sector during 2008-2009

(Qty in M.Ton)

Sl. No	Name of the Companies / NGO's	Name of the Seed	Quantities stored
1	Khulna Seed House	Tomato	0.0785
2	Sonamoni Beej Bhandar, Shatkhira	Cauliflower	0.50
3	United Seed Store, Dhaka	Tomato, Cauliflower, Cabbage etc.	3.469
4	ACI Limited, Dhaka	Tomato, Water melon	5.159
5	Rajdhanee Seed Company, Dhaka	Tomato, Water melon	0.821
6	Agricoulour, Dhaka	Water melon	0.127
Total			**10.1545**

VII) BUFFER STOCK OF SEED AND ITS MANAGEMENT PROGRAM

1.52 The natural calamities like heavy rainfall, flood, cyclone, storm, and drought etc. cause heavy losses to the standing crops almost every year in the country. The natural calamities damage seeds, seedbed, seedlings, etc. almost regularly. As a result, post calamities agricultural rehabilitation program badly suffers from shortage of improved variety of seeds. To maintain the continuity of crop production even after the natural calamities, BADC has taken up a project namely "Management of Buffer Stock of Seed". Under this project a buffer stock of certified seeds of major crops like paddy & wheat etc. is to be built every year.

The main objectives of the program are:

i. To ensure normal supply of seed at the time of any natural calamity;

ii. To ensure stable, fair and competitive price of seed; and

iii. To maintain continuity of food production by ensuring normal supply of seed.

1.53 During 2008-2009, there was a target to procure 1831 metric tons of Amon seed, 5575 metric tons of Boro seeds and 2000 metric tons of wheat seed under this project. Against that 1455 metric tons of Amon seeds, 5951 metric ton of Boro seed and 1982 metric tons of Wheat seeds were actually procured during the year under report, which is 79%, 107% and 99% respectively. The target and progress of the program is shown in Table 1.23.

Table 1.23

Target and progress of Management of Buffer Stock of Seed during 2008-2009

Sl. No.	Activities	Unit	Target	Achievement	% Achieved
1	Amon seed (TLS)	Ton	1831	1455	79
2	Boro seed (TLS)	Ton	5575	5951	107
3	Wheat seed (TLS)	Ton	2000	1982	99
	Total seed (TLS)	Ton	9406	9388	100

CHAPTER – II

CROP SECTOR UNDER ADP

Crop sector under ADP:

1. Integrated Soya-bean Cultivation Project (BADC Component)
2. Private Seed Sector Development Project
3. Modernization & Strengthening of facilities to increase supply of quality seeds
4. Agricultural Farm Development Project in Pabna-Sirajgonj, Natore, Bogra & Manikgonj Districts
5. Eastern Integrated Agricultural Development Project (BADC Part)
6. Integrated Project Increasing the Production of Onion, Garlic, Ginger, Turmeric & Chili
7. Development & Multiplication of Agricultural Seeds

I) INTEGRATED SOYABEAN CULTIVATION PROJECT (BADC COMPONENT).

2.1 This project has been taken up by BADC during the year 2008-2009. The project is being implemented in Amjhupi (Meherpur), Tebunia (Pabna), Brahmondi (Norshingdi), Shimrailkandi (Brahmanbaria), Domrakandi (Faridpur), Sadar Noakhali.

2.2 The main objective of the project are given below:-

- To increase the production of Soybean through application of modern technology and to increase the soybean area through extension services.
- Improvement of high yielding soybean variety
- Development of short duration soybean in the rice based cropping pattern
- Production, Preservation & Distribution of 25 tons of foundation seed & 93 tons truthful label seed of soybean by BADC
- Development of high yielding soybean varieties with early maturity, resistance to diseased and insect pests and tolerance to drought and salinity.
- Development of varieties having longer seed viability and higher Nitrogen fixing capacity

2.3 The major components of the projects are:-

a) Production, Preservation & Distribution of 25 tons of foundation seed & 93 tons truthful label seed of soybean

b) Construction of 1 (one) dehumidified godown (capacity 100 metric tons)

c) Construction of 2000 sft. threshing floor

d) Farmers training 720 (seven hundred twenty) nos.

2.4 The achievement of this project during 2008-2009 in shown in the Table 2.16

Table 2.18
Integrated Soybean Cultivation Project
(Progress of work during 2008-2009)

(In M. Tons)

Item	2008-2009		Achieved in percentage (%)
	Target	Actual	
Seed Production, Preservation & Distribution:			
a) Foundation seed	6	6	100
b) Truthful Label Seed (TLS)	21	20	95
Total:	27	26	96

II) PRIVATE SEED SECTOR DEVELOPMENT PROJECT

2.5 This project was taken up by BADC during the year 2008-2009. The project is being implemented in Kulaura FSC (Moulavibazar), Naogaon FSC (Naogaon), Gopalgonj FSC (Gopalgonj), Bhola FSC (Bhola), Nokla FSC (Sherpur), Ramu (Cox's Bazar) and Patuakhali FSC(Patuakhali).

2.6 The main objectives of the project are given below:-

- Produce a considerable amount of quality seed through operating 7 Farmers seed centers;
- Operate the existing seven Farmers Seed Centers, established under the Bangladesh German Seed Development Project;
- Renovate, repair and reconstruction of unused fertilizer/ seed godowns of BADC to make those useable as seed processing and preservation centers;
- Farm 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 seed;
- 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 areas and organize training programs on these activities, so that quality seed production and distribution in private sector can be possible. As a result, skilled manpower will be created in

private sector for seed production, processing, quality control and running seed businesses.

Table 2.19
Progress of work in Seed Development Project under Private Seed Sector (PSSDP)
(Progress of work during 2008-2009)

Name of the Item	2008-2009		% Achieved	Remarks
	Target	Actual		
Seed Production through farmer's Seed Company in Collaboration with PSSDP (M.Ton)	1800	2510		
Farmer's Training (No.)	355	355	100	
Workshop / Seminar (No.)	1	1	100	
Field Day (No.)	14	14	100	

III) MODERNIZATION & STRENGTHENING OF FACILITIES TO INCREASE SUPPLY OF QUALITY SEEDS

2.7 This project was taken up by BADC during the year 2008-2009.

2.8 The main objectives of the project are given below:-

- To increase the volume of Foundation Seeds of Cereals, Pulses and Oils, Vegetables, Jute etc by decreasing its Truthfully Labeled Seed (TLS) Production and provide support to private seed producers through expansion modernization, renovation and strengthening of facilities and enhancement of capacities of 53,000 metric tons and dehumidified godown from 1400 to 2300 metric tons.

Table 2.20

Progress of work in Modernization & Strengthening of Facilities to increase Supply of Quality Seeds (Progress of work during 2008-2009)

Name of the Item	2008-2009		% Achieved	Remarks
	Target	Actual		
Combine Harvester (big size), Nos.	6	6	100	
Off set Harrow (Nos.)	25	25	100	
Disc Harrow (Nos.)	19	19	100	
Tractor (Nos.)	16	16	100	
Deep Tube Well (DTW), Nos.	16	12		
Training (Nos.)	2647	2647	100	
Construction of Godown (sqm)	25410	20100		
Land development (sqm)	200000	291000		
11 KVA Electric Sub-Station (Nos.)	27	27	100	
Seed dryer (Nos.)	54	48		
Dehumidifier (150 Ton capacity) Nos.	6	6	100	
Generator (135-170KVA), Nos.	5	5	100	
Sunning floor (rm)	1000	1000	100	
Covered threshing floor (rm)	4500	4500	100	
Barbed pipe irrigation channel (rm)	53500	40000		
Barbed pipe irrigation channel (rm)	33900	33900	100	

IV) AGRICULTURAL FARM DEVELOPMENT PROJECT IN PABNA-SIRAJGONJ-NATORE- BOGRA & MANIKGONJ DISTRICTS

2.9 This project was taken up by BADC during the year 2008-2009. The project is being implemented in 7 (Seven) Upazillas of Manikgonj District at Manikgonj Sadar, Sibalaya, Singair, Ghoir, Daulatpur, Saturia and Harirampur.

2.10 The main objectives of the project are given below:-

- Grow more food grain through optimum utilization of surface water by developing irrigation infrastructure and applying modern and local appropriate technology in 7 upazillas of Manikgonj District.

- Create self-employment opportunity and alleviate poverty for the Owners/ Managers/ Operators/ Fieldsmen of irrigation equipments and farmers by upgrading their skill through training.

Table 2.22
Progress of work in under the Development Project

Name of the Item	2008-2009		% Achieved	Remarks
	Target	Actual		
Construction of electric line for 5 cusec Pumps (No.)	2	3	150	
Construction of Hydraulic Structure (Nos.)	4	2	50	
Construction of discharge box (Nos.)	12	7	58	
Construction of surface/ sub-surface irrigation channel (m)	1000	491	49	
Re-excavation, development & raising up of both the banks (km)	10.96	9	82	
Training of farmers (Nos.)	250	250	100	

V) EASTERN INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT (BADC COMPONENT):

2.11 This project was taken up by BADC during the year 2008-2009. The project is being implemented in all Upazilla of Comilla, Brahmanbaria, Hobigonj, Moulavibazar, Noakhali, Feni, Laximpur and Chandpur Districts.

2.12 The main objectives of the project are given below:-

- To bring 17211.20 hector of land under irrigation to produce 43028 tons additional food grains total price Tk. 5322.17 Lac per year.

Table 2.24
Progress of work in under the Development Project

Name of the Item	2008-2009		% Achieved
	Target	Actual	
Re-excavation of khals & nales including Pre-work (k.m.)	8.43	6	
Procurement of Submersible 2 cusec electric pump set with sinking materials	19	19	100
Installation of force mode pump/ deep tube well (Nos.)	38	38	100
Construction of electric line (Nos.)	113	99	
Construction of surface, sub-surface irrigation channel (m)	17400	17400	100
Construction of discharge box for 5 cusec pump	50	49	
Construction of surface channel for 5-cusec pump	2400	2400	100
Construction of hydraulic structure	31	31	100

VI) INTEGRATED PROJECT INCREASING THE PRODUCTION OF ONION, GARLIC, GINGER, TURMERIC & CHILI:

2.13 This project was taken up by BADC during the year 2008-2009. The project is being implemented in 30 Seed Multiplication Farms, 9 Horticultural Centers and 13 Agro Service Centers of BADC.

2.14 The main objectives of the project are given below:-

- To produce, preserve and supply 35.0 tons seed and 75.0 tons bulb of onion, 375.0 ton bulb of Garlic, 464.0 tons rhizome of Ginger, 768 tons corm of Turmeric and 2.8 tons seeds of Chili.

- To establish storage facilities to preserve Onion, Chili, Ginger, Turmeric and Garlic and to establish dehumidified seed store for preservation of Onion seeds.

- Training of project personnel and conduct seminar or workshop with a view to transfer seed technology of Onion, Chili, Ginger, Turmeric and Garlic to the NGO's and related services to produce more spice crops.

Table 2.25
Progress of work in under the Development Project

Name of the Item	2008-2009		% Achieved	Remarks
	Target	Actual		
Training of Farmers	160	160	100	
Seed Production of Onion	150	140	93	
Seed Production of Turmeric	188	160	85	

VII) DEVELOPMENT & MULTIPLICATION OF AGRICULTURAL SEEDS:

2.15 This project was taken up by BADC during the year 2008-2009. The project is being implemented in Popularizing and Multiplication of seeds of newly released varieties will be done almost all over Bangladesh. Block demonstration will cover 28 districts of Bangladesh. Moreover, two tissue culture laboratories will be established at Domar of Nilphamari District and Kashimpur of Gazipur District.

2.16 The main objectives of the project are given below:-

- To creating awareness of the farmers about the new varieties of the different crops developed by the agricultural research organizations.

- Multiplication of the newly related varieties of selected crops and make it available to the farmers.

- Rapid multiplication of the agricultural seeds specially, potato and horticultural crops through tissue culture method.

Table 2.26
Progress of work in under the Development Project

Name of the Item	2008-2009		% Achieved	Remarks
	Target	Actual		
Block demonstration (Nos.)	1748	1743	100	
Training (Farmers) Nos.	4260	4260	100	
Training (Officers) Nos.	120	90	75	
Field day (Nos.)	360	353	98	
Seminar / works day	1	1	100	

CHAPTER – III

IRRIGATION SECTOR UNDER ADP

3.01 The minor irrigation program of BADC has 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 and Shallow Tube Well. 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 areas under irrigation and also to strengthen the system of irrigation, BADC took up the following projects for implementation during 2008-2009.

1. Survey & Monitoring Project for Minor Irrigation Development;
2. Pabna-Natore-Sirajgonj Integrated Area Development Project;
3. Faridpur-Gopalgonj-Rajbari Districts Area Development Project;
4. Greater Dhaka Irrigation Area Development Project
5. Greater Barisal-Patuakhali Integrated Agricultural Development Project
6. Pilot Project for Agricultural Production in Monga Prone Area through Modern Minor Irrigation

I) SURVEY & MONITORING PROJECT FOR MINOR IRRIGATION DEVELOPMENT

3.02 This project was taken up by BADC during the year 1998-1999. The Project covers ground and surface water monitoring, installation and operation of water quality testing equipment, Water quality testing and analysis and other related services and establishment of computerized data bank for formulation of future minor irrigation principles to help Government implementing minor irrigation projects.

3.03 Monitoring of irrigation water resources throughout the year is very important for assessment of available water resources, its present utilization and future prospects, determination of appropriate technology for overall planning and management of irrigation. So, to make the prevailing monitoring system more widened, consolidated, stronger and modernized as well as to provide technical support and co-operation to the farmers, BADC, through S & MP has started collecting data on surface and groundwater development of minor irrigation equipment inventory and crop production etc. to make a data base for development of minor irrigation, determine the number of irrigation equipment used during Boro season and area irrigated by those equipment. Chemical character of ground and surface water plays an important role in irrigation and drinking. The dissolved minerals in ground and surface water in varying concentration affect its usefulness for various purposes. So quantities of both harmful and useful elements present in water are to be determined by lab test. The achievement of the project during 2008-2009 is shown in Table 3.01.

Table 3.01

Progress of Work in Survey & Monitoring Project for Minor Irrigation Development during 2008-2009

Sl. No.	Name of the Item	Unit	Target	Actual	% Achieved
1	Installation of 4" dia auto observation	Nos.	22	22	100
2	Installation of 2" dia auto observation	Nos.	20	20	100
3	Execution of 1.5" dia 600 ft. depth test boring	Nos.	90	90	100
4	Procurement, installation and maintain of laboratory instrument	Nos.	6	6	100
5	Procurement of contact guage-230	Nos.	22	22	100
6	Training	Nos.	132	132	100

3.04 From Table 3.01, it would appear that the performance of the installation of 4" dia auto observation, Procurement of Laboratory equipment and training is satisfactory. In this case, the achievement is 100%.

II) PABNA-NATORE-SIRAJGONJ INTEGRATED AREA DEVELOPMENT PROJECT

3.05 This project was taken up by BADC in the year 1997-98. BADC took up this project for integrated area development of 24 thanas of Pabna, Natore and Sirajgonj districts.

3.06 The major objectives of the project are given below:

i. To increase agricultural product of 25,510 metric tons per year by creating more irrigation facilities, application of modern agricultural techniques through optimum utilization of ground water recourse in the project area.

ii. To sustain irrigation programs implemented during the 1st phase of Pabna-Natore-Sirajgonj Integrated Area Development Project.

iii. To create self-employment facilities to 2400 Owners/ Managers/ Operators Field man/ Farmers through training land to alleviate poverty.

3.07 From the above point, the main objectives of the project are to increase agricultural production through introducing modern technology, create employment opportunity of the common people, alleviate poverty and up lift socio-economic conditions of the people in the project areas. The objectives would be achieved through augmentation of surface water, development of ground water and increase of command area, rehabilitation of inoperative and unused irrigation equipment, development of pisciculture and afforestation, building up rural infrastructure and imparting appropriate training to the rural people and women.

3.08 During the year 2008-2009, the overall performance of the project is satisfactory. It is further evident that most of the activities except construction of pucca irrigation channel, farmers training and electrification of DTW have been successfully completed. That is the achievement was 100% in most of the activities.

3.09 The achievement of the project during 2008-2009 is shown in Table 3.02.

Table 3.02

Progress of Work in Pabna-Natore-Sirajgonj Integrated Area Development Project during 2008-2009

Activities	Target				Actual				% Achieved
	Pabna	Natore	Sirajgonj	Total	Pabna	Natore	Sirajgonj	Total	
1. Augmentation of Surface Water & Dev. of Irrigation.									
a) Re-Excavation of Canal / Boropit (KM)				10				10	100
b) Re-excavation of derelic pond (No.)				9				9	100
2. Development of Ground Water & Expansion of Irrigation:									
a) Sinking of DTW (No.)				42				42	100
b) Comm. of DTW									
3. Command Area Development:									
a) Construction of Pucca Irrigation Channel (No)				40				40	100
b) Farmers Training (No.)				1500				1500	100
4. Rehab. of DTWs (No.)				6				6	100
5. Electrification of DTW (No.)				55				55	100
6. Farmers Training (Nos.)									

III) FARIDPUR-GOPALGONJ-RAJBARI INTEGRATED AREA DEVELOPMENT PROJECT

3.17 BADC has started implementing this new project from July 1999. The project has been taken up for integrated area development of 8 upazilas under Faridpur district, 4 Upazilas under Rajbari district and 5 upazilas under Gopalgonj district. The major objectives of the project are to increase agricultural production, create employment opportunity, alleviate poverty, and develop socioeconomic condition. of the people living in the project areas and to maintain ecological balance through implementation of area development program of 17 upazilas under Faridpur-Gopalgonj-Rajbari districts. The objectives would be achieved through:

- Augmentation of surface water.
- Development of ground water.
- Rehabilitation and electrification of inoperative and unused irrigation equipment.
- Development of command area by constructing burried pipe, pucca channel and training of farmers.
- Implementation of afforestation program.
- Electrification of DTW
- Establishment of demonstration plot and training of farmers.

- Development of pisciculture and duck farming.
- Development of village link roads.
- Development of human resources specially women and the disadvantaged by imparting appropriate training.

3.18 The target and actual progress of work under the project during the year 2008-2009 may be seen in Table 3.06

Table 3.06

Progress of Work in Faridpur-Gopalgonj-Rajbari Integrated Area Development Project During 2008-2009

Work Component	Target				Actual				% Achieved
	Faridpur	Gopalgonj	Rajbari	Total	Faridpur	Gopalgonj	Rajbari	Total	
1. Re-excavation of Khals/ Borowpit (km)				19				19	100
2. Construction of different hydraulic (Nos.)				6				6	100
3. Installation of DTW (Nos.)				25				25	100
4. Construction of under ground irrigation channel (Nos.)				55				55	100
5. Construction of electric line				7				6	100
6. Training of Farmers on CAD (Nos.)				290				290	100

3.19 From the table 3.06, it is seen that most of the works target for the year 2008-2009 has been done successfully.

IV) GREATER DHAKA IRRIGATION AREA DEVELOPMENT PROJECT:

3.20 The project is being implemented in Dhaka, Narayangonj, Munshigonj, Manikgonj, Narsingdi and Gazipur

3.21 The main objectives of the project are

- ✓ To increase agricultural production of 31744 metric tons per year by crating more irrigation facilities, application of modern agricultural techniques through optimum utilization of ground and surface water resources in the project area;
- ✓ To sustain the irrigation program implemented during the 1st Phase of Shahid Moyezuddin Gazipur-Narsingdi Integrated Area Development Project
- ✓ To create self-employment facilities to 1000 owners/ managers/ operators/ field men and farmers through training and to alleviate poverty of them.

3.22 The works performed under the project during 2008-2009 are shown in Table 3.07.

Table 3.07

Progress of work in Greater Dhaka Irrigation Area Development Project during 2008-2009

Sl. No.	Work Components	Unit	2008-2009		
			Target	Actual	% Achieved
1	Re-excavation of earth canal	KM	40	40	100
2	Training of Owners/ Managers/ Operators/ Farmers (Nos.)	Nos.	4730	430	100
3	Procurement of sinking & commissioning materials for DTW	Nos.	25	25	100
4	Pucca Irrigation channel for 5-cusec pump	Nos.	9	9	100
5	Construction of Hydraulic Structure (Cross dam, Regulator etc.)	Nos.	17	17	100
6	Installation of DTW	Nos.	35	34	97
7	Electrical line for DTW & 5 cusec pumps	Nos.	79	76	96
8	Establishment of demonstration farm	Nos	3	2	67

3.23 From Table 3.07, it would appear that in case of item 6, 7, 8, & 9 during in 2008-2009 and other Components were 100% successfully Completed.

V) GREATER BARISAL-PATUAKHALI INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT

3.47 This project has been taken up by BADC during the year 2006-2007. The project is being implemented in 6 (Six) Districts of Barisal Division.

3.48 The main objective of the project are given below:-

- To grow more food grain through optimum utilization of surface water by developing irrigation infrastructure and applying modern and local appropriate technology;
- To create self-employment opportunity and alleviate poverty for the Owners/ Managers / Operators/ Fieldsmen of irrigation equipment and Farmers by up-grading their skill through training.
- Up-grade socio economic condition of the rural people of the project area

3.49 The major components of the projects are:-

- Procurement of 5-cusec pump sets (electrical), 39 nos.
- Procurement of 2-cusec pump sets (electrical), 50 nos.
- Procurement of 1-cusec pump sets (electrical), 115 nos.
- Re-Excavation of development of khals & Nalas (125 km)
- Construction of different hydraulic structures (70 nos.)
- Construction of electrical line (204 nos.)

3.50 The achievement of this project during 2008-2009 in shown in the Table 3.13

Table 3.13

Greater Barisal-Patuakhali Integrated Agricultural Development Project
(Progress of work during 2008-2009)

Item	2008-2009		Achieved in percentage (%)
	Target	Actual	
a) Re-excavation of derelict Khals & Nalas (km)	21	21	100
b) Construction of different Hydraulic structure (cross-dam, regulator, sluice-gate, sipone etc. (Nos.)	28	27	96
c) Construction of electrical line (Nos.)	161	156	97
d) Construction of discharge box (Nos.)	1	1	100
e) Construction of surface, sub-surface irrigation channel (km)	5.7	5.7	100
f) Establishment of demonstration farms (Nos.)	1	1	100
g) Procurement of 2 cusec pump & electrical pump set (Nos.)	50	50	100
h) Procurement of 1 cusec pump & electrical pump set (Nos.)	115	115	100
i) Training (Owners/ Managers/ Operator/ Field man)	250	250	100
j) Training (Farmers increasing irrigation efficiency)	500	500	100

VI) PILOT PROJECT FOR AGRICULTURAL PRODUCTION IN MONGA PRONE AREA THROUGH MODERN MINOR IRRIGATION:

3.51 This project has been taken up by BADC during the year 2008-2009. The project is being implemented in Lalmonirhat, Kurigram, Rangpur, Nilphamari and Gaibandha of Rajshahi Division.

3.52 The main objective of the project are given below:-

- To produce more food grain the help of optimum utilization of ground water by applying modern and local appropriate modern technology for reduction of poverty of the People of Monga Prone Area.
- To increasing cropping intensify and reduce yield gap by applying modern minor irrigation practices supplying agricultural inputs through appropriate training.
- To diversity and intensify of crops by bringing follow land under cultivation
- To strengthen integrated soil health and fertilizer management

3.53 The achievement of this project during 2008-2009 in shown in the Table 3.13

Table 3.14

Pilot Project for Agricultural Production in Monga Prone Area through Modern Minor Irrigation (Progress of work during 2008-2009)

Item	2008-2009		Achieved in percentage (%)
	Target	Actual	
a) Procurement of 1 cusec force mode pump tube well (Nos.)	60	60	100
b) Procurement of 1 cusec suction mode pump tube well (Nos.)	70	70	100
c) Procurement of 0.50 cusec suction mode pump tube well (Nos.)	50	50	100
d) Sinking & Commissioning of 1 cusec force mode tube well (Nos.)	40	40	100
e) Sinking & Commissioning of 1 cusec suction mode tube well (Nos.)	60	56	93
f) Sinking & Commissioning of 0.5 cusec suction mode tube well (Nos.)	70	70	100
g) Construction of surface & sub-surface irrigation channel for force mode & suction mode ump & tube well (Nos.)	60	49	82

CHAPTER – IV

FERTILIZER

4.01 During the year 1992-93 as per Government decision fertilizer procurement cum distribution activities were stopped. But from 2006-2007, 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. It may be mentioned here that measures have been taken for distribution of fertilizer through 25 sale centers under 21 regions of BADC. Procurement and distribution position of non urea fertilizer during 2008-2009 is given below:-

Table 4.1

Fertilizer Import and Distribution during 2008-2009

Item of fertilizer	2008-2009		% Achievement
	Target	Achievement	
Procurement			
TSP	200,000	149538	75%
MOP	100,000	79965	80%
Total	300,000	229503	77%
Distribution			
TSP	149,538	30824	21%
MOP	79,965	12363	15%
Total	229,503	43187	19%

Price of Fertilizer at dealer level during 2008-2009:-

4.2 As per decision of government the sale price of imported non urea i.e. TSP and MOP fertilizer fixed up by Minister of Agriculture. The sale price of Imported TSP and MOP fertilizer of BADC during 2008-2009 is given below in the following table.

Table 4.2

Subsidized Sale Price of Fertilizer at dealer level during 2008-2009

Period	Subsidized Sale Price (Taka / M. Ton	
	(Per M.Ton)	(Per Bag- 50 Kg)
1st July 2008 to 15th November 2008	34,187.94	-
16th November to 26th November 2008	82,307.05	66,530.67
27th November 2008 to 14th January 2009	76,634.37	69,225.59
15th January 2009 to 30th June 2009	38,000.00	33,000.00

Fertilizer Dealer:

4.3 BADC has given registration as fertilizer dealer from BCIC dealer and BADC seed dealer:-

Table 4.2

Sl. No.	Categories of dealer	Nos. of dealer registration
1.	From BCIC dealer	2203 Nos.
2.	From BADC seed dealer	1516 Nos.
Total:		3719 Nos.

CHAPTER – V

TRAINING

BADC organizes two types of training. These are:

1. Local training; and
2. Foreign training.

1) Local Training:

a) BADC Training Institute, Madhupur, Tangail

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

Program Contents:

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

> Induction training for newly recruited employees;

> In-service training of the officers and staff working in the Corporation; and

> Refreshers' course of short duration.

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 equipment and farm machinery, seed processing, administration and office management, purchase procedure, budgeting, accounting, auditing etc. The duration of courses varies depending on the nature of training. The induction training is basically meant for the newly recruited employees and the in-service training for the various categories of existing BADC personnel. Besides the normal training program, workshops and seminars on important issues relating to agriculture are also organized at the institute. Guest speakers and lecturers from different universities/institutes are sometimes invited to keep pace with

the demand or importance of the training courses during 2008-2009 officers and Staff 182 nos.

Library and Reference Service:

5.03 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 aspects of agriculture, irrigation management, finance, administration and other subjects of interest. About 6000 books on different subjects are preserved in the library of the Institute.

5.04 The BADC training institute also provides infrastructural facilities to different organizations including NGO's on rental basis for training of their personnel.

b) Training by other organizations

5.05 During the year 2008-2009 a total number of 113 officer and staffs were attended in different courses organized by Academy for Planning and Development (APD), Financial Management Academy (FIMA), MOA, BARI etc. and also in house training organized by BADC. On the other hand 198 officers and staffs attended in-house training program organized by BADC.

2) Foreign Training:

5.06 BADC utilizes overseas training facilities to acquaint its officials with the latest technical know-how in the field of agriculture and mechanization. During 2008-2009, BADC sent 5 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 5.01 shows the details of foreign training undertaken by the officers during the year under report.

Table 5.01

Foreign Training Availed during 2008-2009

Sl. No.	Field of Training	Country	No. Of Participants
1	Development of Multiplication & Agricultural Seed (Tissue Culture)	Japan	1 No.
2	Public Private Partnership for improving the productivity of Irrigation System	Srilanka	1 No.
3	Agro- Processing in Fruits & Vegetables	Thailand	1 No.
4	Tissue Culture Technology	India	2 Nos.
5	Good Agricultural Practices and Safety of Fruit Crops and Vegetable Managing Food Quality.	Indonesia	1 No.

CHAPTER – 6

FINANCE

6.01 During 2008-2009 there were in all 21 projects under BADC. Of them, 8 projects were under revenue and 13 projects were under ADP. Under ADP, 5 projects were under crop sector and 8 projects were under irrigation sector. BADC has been implementing these projects during the year through following financial arrangements:

i. GOB contribution; and
ii. Receipts from projects.

6.02 he position of financial activities - the receipts and expenditures under crop and irrigation sector of BADC during the year 2008-2009 are given in detail in the following paragraphs.

Gross Outlay under Revenue

6.03 The total provision made by the government in the Revenue Program during 2008-2009 for implementing of 7 programs was Taka 12023.58 lakh. The total provision was shown in Table 6.01.

Table 6.01

Summary of Government Provision under Revenue Program

[In Lakh Taka]

Sector	GOB Provision	Own Receipt	Gross Outlay
Crop			

6.04 Apart from this, an amount of Taka 13336.59 lakh was estimated to be received as sale proceeds from the program. Thus a gross outlay of Taka 25360.17 lakh was expected to be available during 2008-2009 for implementing 7 programs under crop sector. The program wise gross outlay for the year 2008-2009 is shown in **Appendix-C.**

Availability of Fund under Revenue Program:

6.05 As against the total gross outlay of Taka 25360.17 lakh, an amount of Taka 25208.00 lakh was actually made available for 7 programs during the year 2008-2009. Program wise position of availability of fund under crop and irrigation sectors during the year is shown in **Appendix-D**.

6.06 From **Appendix-D**, it would appear that the Govt. of Bangladesh released Taka 12022.58 lakh as GOB provision under crop sector. A summary of the total fund released under revenue by the government during 2008-2009 is given in Table 6.02.

Table 6.02

Summary of Total Fund Released under Revenue Program

[In Lakh Taka]

Sector	GOB	Total	Own Receipt	Total Fund Available
Crop				

6.07 From **Appendix-D**, it would thus appear that an amount of Taka 24903.90 lakh was actually made available for projects under crop sector. A summary of the total fund available under revenue during 2008-2009 is shown in Table 6.03.

Table 6.03

Summary of Total Fund Available under Revenue Program

[In Lakh Taka]

Source	Crop Sector	Irrigation Sector	Total	% Of total availability against gross outlay
GOB				
Own Receipt				
Total				

6.08 From the above Table 6.03, it would appear that the availability of fund Program during 2008-2009 was slight less than the gross outlay for the year.

Gross and Net Expenditure under Revenue Program

6.09 During 2008-2009, the gross expenditure amounting to Taka 24240.36 lakh was incurred for the projects under crop and sector. **Appendix-E** shows detailed position of expenditure incurred against each project during the year under report. A summary of the position of gross and net expenditure as would emerge from **Appendix-E** is given in Table 6.04.

Table 6.04

Summary of Gross and Net Expenditure under Revenue Program

[In Lakh Taka]

Sector	Gross Expenditure	Own Receipt	Net Expenditure	% of Net Expenditure against GOB release
Crop				

6.10 From **Appendix-D** and **E**, it would appear that against the total available fund amounting to Taka 24903.90 lakh, the gross expenditure for all the projects under crop and water sectors came to Taka 24821.51 lakh during 2008-2009. After deducting own receipts of Taka 9983.79 lakh from the gross expenditure, the net expenditure stood at Taka 14837.22 lakh that accounted for 99.44% of the GOB release.

Gross Outlay under ADP:

6.11 The total provision made by the government in the Revised Annual Development Program (RADP) during 2008-2009 for implementing of 17 projects was Taka 14233.33 lakh. as GOB provision. The total provision was split up as under in Table 6.05.

Table 6.05

Summary of ADP Provision under ADP

[In Lakh Taka]

Sector	GOB Provision	Project Aid	Total	Own Receipt	Gross Outlay
Crop					
Irrigation					
Total					

6.12 Apart from this, an amount of Taka 3630.15 lakh (3439.91 lakh under crop sector and 190.24 lakh under irrigation sector) was estimated to be received as sale proceeds from the projects. Thus a gross outlay of Taka 17818.57 lakh (Taka 10304.09 lakh under crop sector and 7514.48 lakh under irrigation sector) was expected to be available during 2008-2009 for implementing 17 projects under crop and irrigation sectors. The project wise gross outlay for the year 2008-2009 is shown at **Appendix-F.**

Availability of Fund under ADP:

6.13 As against the total gross outlay of Taka 17818.57 lakh, an amount of Taka 17611.67 lakh was actually made available for 17 projects during the year 2008-2009. Project wise position of availability of fund under crop and irrigation sectors during the year is shown in **Appendix-G**.

6.14 From **Appendix-G**, it would appear that under the RADP allocation the Govt. of Bangladesh released Taka 669.50 lakh as GOB provision under crop sector and Taka 7319.22 lakh as GOB provision under irrigation sector. A summary of the total fund released by the government during 2008-2009 is given in Table 6.06.

Table 6.06

Summary of Total Fund Released under ADP

[In Lakh Taka]

Sector	GOB	Project Aid	Total	Own Receipt	Total Fund Available
Crop					
Irrigation					
Total					

6.15 Besides fund released, an amount of Taka 3630.15 lakh was estimated to be generated as own receipt from the projects under crop and water sectors during 2008-2009. But actual receipt during the year from the projects came to Taka 3600.45 lakh of which Taka 3406.01 lakh was under crop sector and Taka 194.44 lakh was under water sector. From **Appendix-G**, it would thus appear that an amount of Taka 17611.67 lakh was actually made available for 17 projects under crop and water sectors.

Project Aid under ADP:

6.16 During 2008-2009, there was no provision of project aid against in the Projects of BADC.

Gross and Net Expenditure under ADP:

6.17 During 2008-2009, the gross expenditure amounting to Taka 13050.90 lakh was incurred for the projects under crop and water sectors. **Appendix-I** shows detailed position of expenditure incurred against each project during the year under report. A summary of the position of gross and net expenditure as would emerge from **Appendix-I** is given in Table 6.07

Table 6.07

Summary of Gross and Net Expenditure under ADP

[In Lakh Taka]

Sector	Gross expenditure	Own receipt	Net expenditure	% Of Net expenditure against GOB release.
Crop				
Irrigation				
Total				

6.18 From **Appendix-G** and **I**, it would appear that against the total available fund amounting to Taka 17611.67 lakh, the gross expenditure for all the projects under crop and water sectors came to Taka 33008.61 lakh during 2008-2009. Out of this total amount, Taka 9467.46 lakh was incurred under crop sector while the rest Taka 7178.89 lakh was incurred under water sector. After deducting own receipts of Taka 10713.98 lakh from the gross expenditure, the net expenditure stood at Taka 22294.63lakh that accounted for 97% of the GOB release.