Cost and Return Analysis:

Selected crops and their varieties
2006-07 and 2007-08 Cropping Seasons

Harun-Ar-Rashid

Executive Director, AAS




Prepared for:

Research Development Center (RDC)

House # 14, Road # 25, Block-A, Banani, Dhaka-1213
Phone: 880-2-8823011
Email: rdcenter@bol-online.com

Prepared by:

Agricultural Advisory Society (AAS)

8/7, Block-B, Lalmatia, Dhaka-1207
Phone: 880-2-8113645, Fax: 880-2-8117781
Email: aas@bdcom.com

January 2009

Table of Contents

A. 2006-2007 Cropping Season

Cost and return for Boro rice production (High)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-28

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	6.00	180.00	**1,347.27**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**165**	**920**	**6,886**
5	**Pesticides:**				
	a) Insecticide			200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		458.50	**3,431.80**
	b) Cash cost basis	Interest 5%		188.50	**1,410.89**
A.	**Total Cost:**				
	a) Full cost basis			9,170.00	**72,067.86**
	b) Cash cost basis			3,770.00	**29,628.77**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,000	11.75	11,750.00	**87,946.97**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,750.00**	**95,431.82**
	Net return				
	a) Full cost basis			3,580.00	23,363.95
	b) Cash cost basis			8,980.00	65,803.05
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.32
	b) Cash cost basis				3.22
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.17	
	b) Cash cost basis			3.77	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (Medium)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-28

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	6.00	180.00	**1,347.27**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**165**	**920**	**6,886**
5	**Pesticides:**				
	a) Insecticide			200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		458.50	**3,431.80**
	b) Cash cost basis	Interest 5%		188.50	**1,410.89**
A.	**Total Cost:**				
	a) Full cost basis			9,170.00	**72,067.86**
	b) Cash cost basis			3,770.00	**29,628.77**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	950	11.75	11,162.50	**83,549.62**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,162.50**	**91,034.47**
	Net return				
	a) Full cost basis			2,992.50	18,966.61
	b) Cash cost basis			8,392.50	61,405.70
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.26
	b) Cash cost basis				3.07
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.65	
	b) Cash cost basis			3.97	

Note :

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (Low)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-28

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	6.00	180.00	**1,347.27**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**165**	**920**	**6,886**
5	**Pesticides:**				
	a) Insecticide			200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		458.50	**3,431.80**
	b) Cash cost basis	Interest 5%		188.50	**1,410.89**
A.	**Total Cost:**				
	a) Full cost basis			9,170.00	**72,067.86**
	b) Cash cost basis			3,770.00	**29,628.77**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	900	11.75	10,575.00	**79,152.27**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,575.00**	**86,637.12**
	Net return				
	a) Full cost basis			2,405.00	14,569.26
	b) Cash cost basis			7,805.00	57,008.35
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.20
	b) Cash cost basis				2.92
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.19	
	b) Cash cost basis			4.19	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (High)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-29

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	6.00	180.00	**1,347.27**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**165**	**920**	**6,886**
5	**Pesticides:**				
	a) Insecticide			200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		458.50	**3,431.80**
	b) Cash cost basis	Interest 5%		188.50	**1,410.89**
A.	**Total Cost:**				
	a) Full cost basis			9,170.00	**72,067.86**
	b) Cash cost basis			3,770.00	**29,628.77**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	980	12.00	11,760.00	**88,021.82**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,760.00**	**95,506.67**
	Net return				
	a) Full cost basis			3,590.00	23,438.80
	b) Cash cost basis			8,990.00	65,877.89
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.33
	b) Cash cost basis				3.22
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.36	
	b) Cash cost basis			3.85	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (Medium)

(2006-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-29

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	6.00	180.00	**1,347.27**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**165**	**920**	**6,886**
5	**Pesticides:**				
	a) Insecticide			200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		458.50	**3,431.80**
	b) Cash cost basis	Interest 5%		188.50	**1,410.89**
A.	**Total Cost:**				
	a) Full cost basis			9,170.00	**72,067.86**
	b) Cash cost basis			3,770.00	**29,628.77**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	900	12.00	10,800.00	**80,836.36**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,800.00**	**88,321.21**
	Net return				
	a) Full cost basis			2,630.00	16,253.35
	b) Cash cost basis			8,030.00	58,692.44
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.23
	b) Cash cost basis				2.98
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.19	
	b) Cash cost basis			4.19	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (Low)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-29

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	36	6.00	216.00	**1,616.73**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**195**	**986**	**7,380**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,500.00	2,500.00	**18,712.12**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		506.80	**3,793.32**
	b) Cash cost basis	Interest 5%		224.80	**1,682.59**
A.	**Total Cost:**				
	a) Full cost basis			10,136.00	**79,659.75**
	b) Cash cost basis			4,496.00	**35,334.47**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	800	12.00	9,600.00	**71,854.55**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,600.00**	**79,339.39**
	Net return				
	a) Full cost basis			464.00	(320.35)
	b) Cash cost basis			6,104.00	44,004.92
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.00
	b) Cash cost basis				2.25
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			12.67	
	b) Cash cost basis			5.62	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (High)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** Hira LP-70

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	36	6.00	216.00	**1,616.73**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**195**	**986**	**7,380**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		491.80	**3,681.05**
	b) Cash cost basis	Interest 5%		209.80	**1,570.32**
A.	**Total Cost:**				
	a) Full cost basis			9,836.00	**77,302.02**
	b) Cash cost basis			4,196.00	**32,976.75**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,336	11.50	15,364.00	**114,997.21**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**16,364.00**	**122,482.06**
	Net return				
	a) Full cost basis			6,528.00	45,180.04
	b) Cash cost basis			12,168.00	89,505.32
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.58
	b) Cash cost basis				3.71
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			7.36	
	b) Cash cost basis			3.14	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (Medium)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** Hira LP-70

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	150.00	450.00	**3,368.18**
2	Labor	22	120.00	2,640.00	**19,760.00**
3	Seed/ Seedling (kg)	2	200.00	400.00	**2,993.94**
4	Fertilizer				
	a) Urea (kg)	36	6.00	216.00	**1,616.73**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**195**	**986**	**7,380**
5	Pesticides:				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	Irrigation	1	2,000.00	2,000.00	**14,969.70**
7	Land rent	1	3,000.00	3,000.00	**22,454.55**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		491.80	**3,681.05**
	b) Cash cost basis	Interest 5%		209.80	**1,570.32**
A.	**Total Cost:**				
	a) Full cost basis			9,836.00	**77,302.02**
	b) Cash cost basis			4,196.00	**32,976.75**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,135	11.50	13,052.50	**97,695.98**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,052.50**	**105,180.83**
	Net return				
	a) Full cost basis			4,216.50	27,878.82
	b) Cash cost basis			9,856.50	72,204.09
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.36
	b) Cash cost basis				3.19
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			8.67	
	b) Cash cost basis			3.70	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice production (Low)

(2006-07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** Hira LP-70

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	36	6.00	216.00	**1,616.73**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	10	16.00	160.00	**1,197.58**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**195**	**986**	**7,380**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		491.80	**3,681.05**
	b) Cash cost basis	Interest 5%		209.80	**1,570.32**
A.	**Total Cost:**				
	a) Full cost basis			9,836.00	**77,302.02**
	b) Cash cost basis			4,196.00	**32,976.75**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,000	11.50	11,500.00	**86,075.76**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,500.00**	**93,560.61**
	Net return				
	a) Full cost basis			2,664.00	16,258.59
	b) Cash cost basis			8,304.00	60,583.86
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.21
	b) Cash cost basis				2.84
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.84	
	b) Cash cost basis			4.20	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** **IR-5**0

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	10	42.00	420.00	**3,143.64**
	c) MP (kg)	6	20.00	120.00	**898.18**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**36**	**70**	**700**	**5,239**
5	**Pesticides:**				
	a) Insecticide			0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	1,200.00	1,200.00	**8,981.82**
7	**Land rent**	1	800.00	800.00	**5,987.88**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		287.50	**2,151.89**
	b) Cash cost basis	Interest 5%		127.50	**954.32**
A.	**Total Cost:**				
	a) Full cost basis			5,750.00	**45,189.77**
	b) Cash cost basis			2,550.00	**20,040.68**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	500	16.00	8,000.00	**59,878.79**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,000.00**	**67,363.64**
	Net return				
	a) Full cost basis			3,250.00	22,173.86
	b) Cash cost basis			6,450.00	47,322.95
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.49
	b) Cash cost basis				3.36
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			11.50	
	b) Cash cost basis			5.10	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T**.** Aus **Variety: IR-5**0

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	10	42.00	420.00	**3,143.64**
	c) MP (kg)	6	20.00	120.00	**898.18**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**36**	**70**	**700**	**5,239**
5	**Pesticides:**				
	a) Insecticide			0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	1,200.00	1,200.00	**8,981.82**
7	**Land rent**	1	800.00	800.00	**5,987.88**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		287.50	**2,151.89**
	b) Cash cost basis	Interest 5%		127.50	**954.32**
A.	**Total Cost:**				
	a) Full cost basis			5,750.00	**45,189.77**
	b) Cash cost basis			2,550.00	**20,040.68**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	480	16.00	7,680.00	**57,483.64**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,680.00**	**64,968.48**
	Net return				
	a) Full cost basis			2,930.00	19,778.71
	b) Cash cost basis			6,130.00	44,927.80
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.44
	b) Cash cost basis				3.24
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			11.98	
	b) Cash cost basis			5.31	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety: IR-5**0

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	10	42.00	420.00	**3,143.64**
	c) MP (kg)	6	20.00	120.00	**898.18**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**36**	**70**	**700**	**5,239**
5	**Pesticides:**				
	a) Insecticide			0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	1,200.00	1,200.00	**8,981.82**
7	**Land rent**	1	800.00	800.00	**5,987.88**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		287.50	**2,151.89**
	b) Cash cost basis	Interest 5%		127.50	**954.32**
A.	**Total Cost:**				
	a) Full cost basis			5,750.00	**45,189.77**
	b) Cash cost basis			2,550.00	**20,040.68**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	430	16.00	6,880.00	**51,495.76**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**7,880.00**	**58,980.61**
	Net return				
	a) Full cost basis			2,130.00	13,790.83
	b) Cash cost basis			5,330.00	38,939.92
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.31
	b) Cash cost basis				2.94
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			13.37	
	b) Cash cost basis			5.93	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** BR-26

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	16	120.00	1,920.00	**14,370.91**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	24	8.00	192.00	**1,437.09**
	b) TSP/ DAP (kg)	15	42.00	630.00	**4,715.45**
	c) MP (kg)	6	20.00	120.00	**898.18**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**45**	**70**	**942**	**7,051**
5	**Pesticides:**				
	a) Insecticide			0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	1,200.00	1,200.00	**8,981.82**
7	**Land rent**	1	850.00	850.00	**6,362.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		278.10	**2,081.54**
	b) Cash cost basis	Interest 5%		139.60	**1,044.88**
A.	**Total Cost:**				
	a) Full cost basis			5,562.00	**43,712.26**
	b) Cash cost basis			2,792.00	**21,942.58**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	620	16.00	9,920.00	**74,249.70**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,920.00**	**81,734.55**
	Net return				
	a) Full cost basis			5,358.00	38,022.28
	b) Cash cost basis			8,128.00	59,791.96
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.87
	b) Cash cost basis				3.72
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			8.97	
	b) Cash cost basis			4.50	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** BR-26

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	16	120.00	1,920.00	**14,370.91**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	24	8.00	192.00	**1,437.09**
	b) TSP/ DAP (kg)	15	42.00	630.00	**4,715.45**
	c) MP (kg)	6	20.00	120.00	**898.18**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**45**	**70**	**942**	**7,051**
5	**Pesticides:**				
	a) Insecticide			0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	1,200.00	1,200.00	**8,981.82**
7	**Land rent**	1	850.00	850.00	**6,362.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		278.10	**2,081.54**
	b) Cash cost basis	Interest 5%		139.60	**1,044.88**
A.	**Total Cost:**				
	a) Full cost basis			5,562.00	**43,712.26**
	b) Cash cost basis			2,792.00	**21,942.58**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	540	16.00	8,640.00	**64,669.09**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,640.00**	**72,153.94**
	Net return				
	a) Full cost basis			4,078.00	28,441.68
	b) Cash cost basis			6,848.00	50,211.36
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.65
	b) Cash cost basis				3.29
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.30	
	b) Cash cost basis			5.17	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** BR-26

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Baiha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	16	120.00	1,920.00	**14,370.91**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	24	8.00	192.00	**1,437.09**
	b) TSP/ DAP (kg)	15	42.00	630.00	**4,715.45**
	c) MP (kg)	6	20.00	120.00	**898.18**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**45**	**70**	**942**	**7,051**
5	**Pesticides:**				
	a) Insecticide			0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	1,200.00	1,200.00	**8,981.82**
7	**Land rent**	1	850.00	850.00	**6,362.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		278.10	**2,081.54**
	b) Cash cost basis	Interest 5%		139.60	**1,044.88**
A.	**Total Cost:**				
	a) Full cost basis			5,562.00	**43,712.26**
	b) Cash cost basis			2,792.00	**21,942.58**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	500	16.00	8,000.00	**59,878.79**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,000.00**	**67,363.64**
	Net return				
	a) Full cost basis			3,438.00	23,651.37
	b) Cash cost basis			6,208.00	45,421.05
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.54
	b) Cash cost basis				3.07
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			11.12	
	b) Cash cost basis			5.58	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** LP-108

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	18	120.00	2,160.00	**16,167.27**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	24	8.00	192.00	**1,437.09**
	b) TSP/ DAP (kg)	15	42.00	630.00	**4,715.45**
	c) MP (kg)	8	20.00	160.00	**1,197.58**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**47**	**70**	**982**	**7,350**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,500.00	1,500.00	**11,227.27**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		342.60	**2,564.31**
	b) Cash cost basis	Interest 5%		159.60	**1,194.58**
A.	**Total Cost:**				
	a) Full cost basis			6,852.00	**53,850.49**
	b) Cash cost basis			3,192.00	**25,086.22**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	700	16.00	11,200.00	**83,830.30**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,200.00**	**91,315.15**
	Net return				
	a) Full cost basis			5,348.00	37,464.66
	b) Cash cost basis			9,008.00	66,228.93
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.70
	b) Cash cost basis				3.64
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.79	
	b) Cash cost basis			4.56	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** LP-108

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	18	120.00	2,160.00	**16,167.27**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	24	8.00	192.00	**1,437.09**
	b) TSP/ DAP (kg)	15	42.00	630.00	**4,715.45**
	c) MP (kg)	8	20.00	160.00	**1,197.58**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**47**	**70**	**982**	**7,350**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,500.00	1,500.00	**11,227.27**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		342.60	**2,564.31**
	b) Cash cost basis	Interest 5%		159.60	**1,194.58**
A.	**Total Cost:**				
	a) Full cost basis			6,852.00	**53,850.49**
	b) Cash cost basis			3,192.00	**25,086.22**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	640	16.00	10,240.00	**76,644.85**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,240.00**	**84,129.70**
	Net return				
	a) Full cost basis			4,388.00	30,279.21
	b) Cash cost basis			8,048.00	59,043.48
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.56
	b) Cash cost basis				3.35
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.71	
	b) Cash cost basis			4.99	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aus rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aus **Variety:** LP-108

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	18	120.00	2,160.00	**16,167.27**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	24	8.00	192.00	**1,437.09**
	b) TSP/ DAP (kg)	15	42.00	630.00	**4,715.45**
	c) MP (kg)	8	20.00	160.00	**1,197.58**
	d) Gypsum (kg)			0.00	**0.00**
	e) Zinc (kg)			0.00	**0.00**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**47**	**70**	**982**	**7,350**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,500.00	1,500.00	**11,227.27**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		342.60	**2,564.31**
	b) Cash cost basis	Interest 5%		159.60	**1,194.58**
A.	**Total Cost:**				
	a) Full cost basis			6,852.00	**53,850.49**
	b) Cash cost basis			3,192.00	**25,086.22**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	600	16.00	9,600.00	**71,854.55**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,600.00**	**79,339.39**
	Net return				
	a) Full cost basis			3,748.00	25,488.90
	b) Cash cost basis			7,408.00	54,253.18
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.47
	b) Cash cost basis				3.16
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			11.42	
	b) Cash cost basis			5.32	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T.Aman rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** BR-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	200.00	1,000.00	**7,484.85**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	15	45.00	675.00	**5,052.27**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**66**	**213**	**1,435**	**10,741**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	1	800.00	800.00	**5,987.88**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		416.25	**3,115.57**
	b) Cash cost basis	Interest 5%		196.25	**1,468.90**
A.	**Total Cost:**				
	a) Full cost basis			8,325.00	**65,426.93**
	b) Cash cost basis			3,925.00	**30,846.93**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	660	16.00	10,560.00	**79,040.00**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,560.00**	**86,524.85**
	Net return				
	a) Full cost basis			3,235.00	21,097.92
	b) Cash cost basis			7,635.00	55,677.92
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.32
	b) Cash cost basis				2.80
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			12.61	
	b) Cash cost basis			5.95	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T.Aman rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** BR-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	200.00	1,000.00	**7,484.85**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	15	45.00	675.00	**5,052.27**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**66**	**213**	**1,435**	**10,741**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	1	800.00	800.00	**5,987.88**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		416.25	**3,115.57**
	b) Cash cost basis	Interest 5%		196.25	**1,468.90**
A.	**Total Cost:**				
	a) Full cost basis			8,325.00	**65,426.93**
	b) Cash cost basis			3,925.00	**30,846.93**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	620	16.00	9,920.00	**74,249.70**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,920.00**	**81,734.55**
	Net return				
	a) Full cost basis			2,595.00	16,307.61
	b) Cash cost basis			6,995.00	50,887.61
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.25
	b) Cash cost basis				2.65
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			13.43	
	b) Cash cost basis			6.33	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T.Aman rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** BR-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	200.00	1,000.00	**7,484.85**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	15	45.00	675.00	**5,052.27**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**66**	**213**	**1,435**	**10,741**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	1	800.00	800.00	**5,987.88**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		416.25	**3,115.57**
	b) Cash cost basis	Interest 5%		196.25	**1,468.90**
A.	**Total Cost:**				
	a) Full cost basis			8,325.00	**65,426.93**
	b) Cash cost basis			3,925.00	**30,846.93**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	600	16.00	9,600.00	**71,854.55**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,600.00**	**79,339.39**
	Net return				
	a) Full cost basis			2,275.00	13,912.46
	b) Cash cost basis			6,675.00	48,492.46
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.21
	b) Cash cost basis				2.57
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			13.88	
	b) Cash cost basis			6.54	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T.Aman rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety: BRRI** 33

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	18	150.00	2,700.00	**20,209.09**
3	**Seed/ Seedling (kg)**	0	0.00	0.00	**0.00**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	10	41.00	410.00	**3,068.79**
	c) MP (kg)	7	32.00	224.00	**1,676.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**48**	**235**	**984**	**7,365**
5	**Pesticides:**				
	a) Insecticide	1	150.00	150.00	**1,122.73**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**1**	**150**	**150**	**1,123**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		314.20	**2,351.74**
	b) Cash cost basis	Interest 5%		129.20	**967.04**
A.	**Total Cost:**				
	a) Full cost basis			6,284.00	**49,386.53**
	b) Cash cost basis			2,584.00	**20,307.89**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	520	16.00	8,320.00	**62,273.94**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,320.00**	**69,758.79**
	Net return				
	a) Full cost basis			3,036.00	20,372.26
	b) Cash cost basis			6,736.00	49,450.90
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.41
	b) Cash cost basis				3.44
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			12.08	
	b) Cash cost basis			4.97	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T.Aman rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** BRRI 33

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	18	150.00	2,700.00	**20,209.09**
3	**Seed/ Seedling (kg)**	0	0.00	0.00	**0.00**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	10	41.00	410.00	**3,068.79**
	c) MP (kg)	7	32.00	224.00	**1,676.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**48**	**235**	**984**	**7,365**
5	**Pesticides:**				
	a) Insecticide	1	150.00	150.00	**1,122.73**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**1**	**150**	**150**	**1,123**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		314.20	**2,351.74**
	b) Cash cost basis	Interest 5%		129.20	**967.04**
A.	**Total Cost:**				
	a) Full cost basis			6,284.00	**49,386.53**
	b) Cash cost basis			2,584.00	**20,307.89**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	460	16.00	7,360.00	**55,088.48**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,360.00**	**62,573.33**
	Net return				
	a) Full cost basis			2,076.00	13,186.81
	b) Cash cost basis			5,776.00	42,265.44
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.27
	b) Cash cost basis				3.08
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			13.66	
	b) Cash cost basis			5.62	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T.Aman rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** BRRI 33

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	18	150.00	2,700.00	**20,209.09**
3	**Seed/ Seedling (kg)**	0	0.00	0.00	**0.00**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	10	41.00	410.00	**3,068.79**
	c) MP (kg)	7	32.00	224.00	**1,676.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**48**	**235**	**984**	**7,365**
5	**Pesticides:**				
	a) Insecticide	1	150.00	150.00	**1,122.73**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**1**	**150**	**150**	**1,123**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		314.20	**2,351.74**
	b) Cash cost basis	Interest 5%		129.20	**967.04**
A.	**Total Cost:**				
	a) Full cost basis			6,284.00	**49,386.53**
	b) Cash cost basis			2,584.00	**20,307.89**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	420	16.00	6,720.00	**50,298.18**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**7,720.00**	**57,783.03**
	Net return				
	a) Full cost basis			1,436.00	8,396.50
	b) Cash cost basis			5,136.00	37,475.14
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.17
	b) Cash cost basis				2.85
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			14.96	
	b) Cash cost basis			6.15	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aman rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop: T.** Aman **Variety:** BRRI 34

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	2	200.00	400.00	**2,993.94**
2	**Labor**	20	150.00	3,000.00	**22,454.55**
3	**Seed/ Seedling (kg)**	4	50.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	10	8.00	80.00	**598.79**
	b) TSP/ DAP (kg)	10	41.00	410.00	**3,068.79**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**41**	**239**	**1,040**	**7,784**
5	**Pesticides:**				
	a) Insecticide	2	150.00	300.00	**2,245.45**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**150**	**300**	**2,245**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		347.00	**2,597.24**
	b) Cash cost basis	Interest 5%		147.00	**1,100.27**
A.	**Total Cost:**				
	a) Full cost basis			6,940.00	**54,542.09**
	b) Cash cost basis			2,940.00	**23,105.73**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	440	30.00	13,200.00	**98,800.00**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,200.00**	**106,284.85**
	Net return				
	a) Full cost basis			7,260.00	51,742.76
	b) Cash cost basis			11,260.00	83,179.12
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.95
	b) Cash cost basis				4.60
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			15.77	
	b) Cash cost basis			6.68	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aman rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop: T.** Aman **Variety:** BRRI 34

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	2	200.00	400.00	2,993.94
2	Labor	20	150.00	3,000.00	22,454.55
3	Seed/ Seedling (kg)	4	50.00	200.00	1,496.97
4	Fertilizer				
	a) Urea (kg)	10	8.00	80.00	598.79
	b) TSP/ DAP (kg)	10	41.00	410.00	3,068.79
	c) MP (kg)	10	36.00	360.00	2,694.55
	d) Gypsum (kg)	10	4.00	40.00	299.39
	e) Zinc (kg)	1	150.00	150.00	1,122.73
	f) Other (kg)			0.00	0.00
	g) Cowdung/ Compost (kg)			0.00	0.00
	Total fertilizer	**41**	**239**	**1,040**	**7,784**
5	Pesticides:				
	a) Insecticide	2	150.00	300.00	2,245.45
	b) Fungicide			0.00	0.00
	Total Pesticide	**2**	**150**	**300**	**2,245**
6	Irrigation	1	1,000.00	1,000.00	7,484.85
7	Land rent	1	1,000.00	1,000.00	7,484.85
8	Interest on working capital				
	a) Full cost basis	Interest 5%		347.00	2,597.24
	b) Cash cost basis	Interest 5%		147.00	1,100.27
A.	**Total Cost:**				
	a) Full cost basis			6,940.00	54,542.09
	b) Cash cost basis			2,940.00	23,105.73
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	380	30.00	11,400.00	85,327.27
	b) By-product			1,000.00	7,484.85
	Total Gross return			**12,400.00**	**92,812.12**
	Net return				
	a) Full cost basis			5,460.00	38,270.03
	b) Cash cost basis			9,460.00	69,706.39
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.70
	b) Cash cost basis				4.02
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			18.26	
	b) Cash cost basis			7.74	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aman rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop: T.** Aman **Variety:** BRRI 34

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	2	200.00	400.00	**2,993.94**
2	**Labor**	20	150.00	3,000.00	**22,454.55**
3	**Seed/ Seedling (kg)**	4	50.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	10	8.00	80.00	**598.79**
	b) TSP/ DAP (kg)	10	41.00	410.00	**3,068.79**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**41**	**239**	**1,040**	**7,784**
5	**Pesticides:**				
	a) Insecticide	2	150.00	300.00	**2,245.45**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**150**	**300**	**2,245**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		347.00	**2,597.24**
	b) Cash cost basis	Interest 5%		147.00	**1,100.27**
A.	**Total Cost:**				
	a) Full cost basis			6,940.00	**54,542.09**
	b) Cash cost basis			2,940.00	**23,105.73**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	350	30.00	10,500.00	**78,590.91**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,500.00**	**86,075.76**
	Net return				
	a) Full cost basis			4,560.00	31,533.67
	b) Cash cost basis			8,560.00	62,970.03
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.58
	b) Cash cost basis				3.73
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			19.83	
	b) Cash cost basis			8.40	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aman rice production (High)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** Hybrid ACI-2

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	4.00	80.00	**598.79**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**76**	**239**	**1,445**	**10,816**
5	**Pesticides:**				
	a) Insecticide	3	120.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**3**	**120**	**360**	**2,695**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		360.25	**2,696.42**
	b) Cash cost basis	Interest 5%		190.25	**1,423.99**
A.	**Total Cost:**				
	a) Full cost basis			7,205.00	**56,624.75**
	b) Cash cost basis			3,805.00	**29,903.84**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	800	16.00	12,800.00	**95,806.06**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,800.00**	**103,290.91**
	Net return				
	a) Full cost basis			6,595.00	46,666.16
	b) Cash cost basis			9,995.00	73,387.07
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.82
	b) Cash cost basis				3.45
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.01	
	b) Cash cost basis			4.76	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aman rice production (Medium)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** Hybrid ACI-2

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	4.00	80.00	**598.79**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**76**	**239**	**1,445**	**10,816**
5	**Pesticides:**				
	a) Insecticide	3	120.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**3**	**120**	**360**	**2,695**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		360.25	**2,696.42**
	b) Cash cost basis	Interest 5%		190.25	**1,423.99**
A.	**Total Cost:**				
	a) Full cost basis			7,205.00	**56,624.75**
	b) Cash cost basis			3,805.00	**29,903.84**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	760	16.00	12,160.00	**91,015.76**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,160.00**	**98,500.61**
	Net return				
	a) Full cost basis			5,955.00	41,875.86
	b) Cash cost basis			9,355.00	68,596.77
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.74
	b) Cash cost basis				3.29
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.48	
	b) Cash cost basis			5.01	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for T. Aman rice production (Low)

2007

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** T. Aman **Variety:** Hybrid ACI-2

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	4.00	80.00	**598.79**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**76**	**239**	**1,445**	**10,816**
5	**Pesticides:**				
	a) Insecticide	3	120.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**3**	**120**	**360**	**2,695**
6	**Irrigation**	1	1,000.00	1,000.00	**7,484.85**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		360.25	**2,696.42**
	b) Cash cost basis	Interest 5%		190.25	**1,423.99**
A.	**Total Cost:**				
	a) Full cost basis			7,205.00	**56,624.75**
	b) Cash cost basis			3,805.00	**29,903.84**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	700	16.00	11,200.00	**83,830.30**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,200.00**	**91,315.15**
	Net return				
	a) Full cost basis			4,995.00	34,690.40
	b) Cash cost basis			8,395.00	61,411.31
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.61
	b) Cash cost basis				3.05
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.29	
	b) Cash cost basis			5.44	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** BARI-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	4	150.00	600.00	4,490.91
2	Labor	7	150.00	1,050.00	7,859.09
3	Seed/ Seedling (kg)	2	70.00	140.00	1,047.88
4	Fertilizer				
	a) Urea (kg)	12	8.00	96.00	718.55
	b) TSP/ DAP (kg)	15	18.00	270.00	2,020.91
	c) MP (kg)	15	25.00	375.00	2,806.82
	d) Gypsum (kg)	12	4.00	48.00	359.27
	e) Zinc (kg)	1	150.00	150.00	1,122.73
	f) Other (kg) (Borax)	1	120.00	120.00	898.18
	g) Cowdung/ Compost (kg)			0.00	0.00
	Total fertilizer	56	325	1,059	7,926
5	Pesticides:				
	a) Insecticide	0	0.00	0.00	0.00
	b) Fungicide			0.00	0.00
	Total Pesticide	0	0	0	0
6	Irrigation	1	200.00	200.00	1,496.97
7	Land rent	1	1,000.00	1,000.00	7,484.85
8	Interest on working capital				
	a) Full cost basis	Interest 5%		202.45	1,515.31
	b) Cash cost basis	Interest 5%		99.95	748.11
A.	**Total Cost:**				
	a) Full cost basis			4,049.00	31,821.46
	b) Cash cost basis			1,999.00	15,710.32
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	300	32.50	9,750.00	72,977.27
	b) By-product			1,000.00	7,484.85
	Total Gross return			10,750.00	80,462.12
	Net return				
	a) Full cost basis			6,701.00	48,640.66
	b) Cash cost basis			8,751.00	64,751.80
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.53
	b) Cash cost basis				5.12
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			13.50	
	b) Cash cost basis			6.66	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** BARI-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	4	150.00	600.00	**4,490.91**
2	Labor	7	150.00	1,050.00	**7,859.09**
3	Seed/ Seedling (kg)	2	70.00	140.00	**1,047.88**
4	Fertilizer				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	18.00	270.00	**2,020.91**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**325**	**1,059**	**7,926**
5	Pesticides:				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	Irrigation	1	200.00	200.00	**1,496.97**
7	Land rent	1	1,000.00	1,000.00	**7,484.85**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		202.45	**1,515.31**
	b) Cash cost basis	Interest 5%		99.95	**748.11**
A.	**Total Cost:**				
	a) Full cost basis			4,049.00	**31,821.46**
	b) Cash cost basis			1,999.00	**15,710.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	220	32.50	7,150.00	**53,516.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,150.00**	**61,001.52**
	Net return				
	a) Full cost basis			4,101.00	29,180.06
	b) Cash cost basis			6,151.00	45,291.19
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.92
	b) Cash cost basis				3.88
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			18.40	
	b) Cash cost basis			9.09	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** BARI-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	4	150.00	600.00	**4,490.91**
2	Labor	7	150.00	1,050.00	**7,859.09**
3	Seed/ Seedling (kg)	2	70.00	140.00	**1,047.88**
4	Fertilizer				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	18.00	270.00	**2,020.91**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**325**	**1,059**	**7,926**
5	Pesticides:				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	Irrigation	1	200.00	200.00	**1,496.97**
7	Land rent	1	1,000.00	1,000.00	**7,484.85**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		202.45	**1,515.31**
	b) Cash cost basis	Interest 5%		99.95	**748.11**
A.	**Total Cost:**				
	a) Full cost basis			4,049.00	**31,821.46**
	b) Cash cost basis			1,999.00	**15,710.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	150	32.50	4,875.00	**36,488.64**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**5,875.00**	**43,973.48**
	Net return				
	a) Full cost basis			1,826.00	12,152.03
	b) Cash cost basis			3,876.00	28,263.16
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.38
	b) Cash cost basis				2.80
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			26.99	
	b) Cash cost basis			13.33	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** Local Tory-7

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	18.00	270.00	**2,020.91**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**325**	**1,059**	**7,926**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		202.45	**1,515.31**
	b) Cash cost basis	Interest 5%		99.95	**748.11**
A.	**Total Cost:**				
	a) Full cost basis			4,049.00	**31,821.46**
	b) Cash cost basis			1,999.00	**15,710.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	220	32.50	7,150.00	**53,516.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,150.00**	**61,001.52**
	Net return				
	a) Full cost basis			4,101.00	29,180.06
	b) Cash cost basis			6,151.00	45,291.19
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.92
	b) Cash cost basis				3.88
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			18.40	
	b) Cash cost basis			9.09	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** Local Tory-7

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	18.00	270.00	**2,020.91**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**325**	**1,059**	**7,926**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		202.45	**1,515.31**
	b) Cash cost basis	Interest 5%		99.95	**748.11**
A.	**Total Cost:**				
	a) Full cost basis			4,049.00	**31,821.46**
	b) Cash cost basis			1,999.00	**15,710.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	150	32.50	4,875.00	**36,488.64**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**5,875.00**	**43,973.48**
	Net return				
	a) Full cost basis			1,826.00	12,152.03
	b) Cash cost basis			3,876.00	28,263.16
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.38
	b) Cash cost basis				2.80
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			26.99	
	b) Cash cost basis			13.33	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** Local Tory-7

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	4	150.00	600.00	**4,490.91**
2	Labor	7	150.00	1,050.00	**7,859.09**
3	Seed/ Seedling (kg)	2	70.00	140.00	**1,047.88**
4	Fertilizer				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	18.00	270.00	**2,020.91**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**325**	**1,059**	**7,926**
5	Pesticides:				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	Irrigation	1	200.00	200.00	**1,496.97**
7	Land rent	1	1,000.00	1,000.00	**7,484.85**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		202.45	**1,515.31**
	b) Cash cost basis	Interest 5%		99.95	**748.11**
A.	**Total Cost:**				
	a) Full cost basis			4,049.00	**31,821.46**
	b) Cash cost basis			1,999.00	**15,710.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	120	32.50	3,900.00	**29,190.91**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**4,900.00**	**36,675.76**
	Net return				
	a) Full cost basis			851.00	4,854.30
	b) Cash cost basis			2,901.00	20,965.43
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.15
	b) Cash cost basis				2.33
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			33.74	
	b) Cash cost basis			16.66	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Lentil production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Lentil **Variety:** BARI-4

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	5	150.00	750.00	**5,613.64**
3	**Seed/ Seedling (kg)**	3	55.00	165.00	**1,235.00**
4	**Fertilizer**				
	a) Urea (kg)	5	8.00	40.00	**299.39**
	b) TSP/ DAP (kg)	12	18.00	216.00	**1,616.73**
	c) MP (kg)	5	25.00	125.00	**935.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**32**	**55**	**421**	**3,151**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	300.00	300.00	**2,245.45**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		161.80	**1,211.05**
	b) Cash cost basis	Interest 5%		74.30	**556.12**
A.	**Total Cost:**				
	a) Full cost basis			3,236.00	**25,432.02**
	b) Cash cost basis			1,486.00	**11,678.61**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	220	55.00	12,100.00	**90,566.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,100.00**	**98,051.52**
	Net return				
	a) Full cost basis			9,864.00	72,619.50
	b) Cash cost basis			11,614.00	86,372.91
C.	**Cost Benefit Ratio**				
	a) Full cost basis				3.86
	b) Cash cost basis				8.40
D.	**Lentil cost (Tk/Kg)**				
	a) Full cost basis			14.71	
	b) Cash cost basis			6.75	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Lentil production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Lentil **Variety:** BARI-4

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	5	150.00	750.00	**5,613.64**
3	**Seed/ Seedling (kg)**	3	55.00	165.00	**1,235.00**
4	**Fertilizer**				
	a) Urea (kg)	5	8.00	40.00	**299.39**
	b) TSP/ DAP (kg)	12	18.00	216.00	**1,616.73**
	c) MP (kg)	5	25.00	125.00	**935.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**32**	**55**	**421**	**3,151**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	300.00	300.00	**2,245.45**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		161.80	**1,211.05**
	b) Cash cost basis	Interest 5%		74.30	**556.12**
A.	**Total Cost:**				
	a) Full cost basis			3,236.00	**25,432.02**
	b) Cash cost basis			1,486.00	**11,678.61**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	180	55.00	9,900.00	**74,100.00**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,900.00**	**81,584.85**
	Net return				
	a) Full cost basis			7,664.00	56,152.83
	b) Cash cost basis			9,414.00	69,906.24
C.	**Cost Benefit Ratio**				
	a) Full cost basis				3.21
	b) Cash cost basis				6.99
D.	**Lentil cost (Tk/Kg)**				
	a) Full cost basis			17.98	
	b) Cash cost basis			8.26	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Lentil production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Lentil **Variety:** BARI-4

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	5	150.00	750.00	**5,613.64**
3	**Seed/ Seedling (kg)**	3	55.00	165.00	**1,235.00**
4	**Fertilizer**				
	a) Urea (kg)	5	8.00	40.00	**299.39**
	b) TSP/ DAP (kg)	12	18.00	216.00	**1,616.73**
	c) MP (kg)	5	25.00	125.00	**935.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**32**	**55**	**421**	**3,151**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	300.00	300.00	**2,245.45**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		161.80	**1,211.05**
	b) Cash cost basis	Interest 5%		74.30	**556.12**
A.	**Total Cost:**				
	a) Full cost basis			3,236.00	**25,432.02**
	b) Cash cost basis			1,486.00	**11,678.61**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	140	55.00	7,700.00	**57,633.33**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,700.00**	**65,118.18**
	Net return				
	a) Full cost basis			5,464.00	39,686.16
	b) Cash cost basis			7,214.00	53,439.57
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.56
	b) Cash cost basis				5.58
D.	**Lentil cost (Tk/Kg)**				
	a) Full cost basis			23.11	
	b) Cash cost basis			10.61	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Potato production (High)

(2006 07)

Upazila: Lalmonirhat/Domar/Pirgacha **District:** Lalmonirhat/Nilphamari/Rangpur **Crop:** Potato **Variety:** Granula

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	5	200.00	1,000.00	**7,484.85**
2	**Labor**	30	150.00	4,500.00	**33,681.82**
3	**Seed/ Seedling (kg)**	165	30.00	4,950.00	**37,050.00**
4	**Fertilizer**				
	a) Urea (kg)	40	6.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	50	25.00	1,250.00	**9,356.06**
	d) Gypsum (kg)	15	4.00	60.00	**449.09**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**127**	**323**	**2,180**	**16,317**
5	**Pesticides:**				
	a) Insecticide	1	120.00	120.00	**898.18**
	b) Fungicide	1	360.00	360.00	**2,694.55**
	Total Pesticide	**2**	**480**	**480**	**3,593**
6	**Irrigation**	2	300.00	600.00	**4,490.91**
7	**Land rent**	1	2,500.00	2,500.00	**18,712.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		810.50	**6,066.47**
	b) Cash cost basis	Interest 5%		460.50	**3,446.77**
A.	**Total Cost:**				
	a) Full cost basis			16,210.00	**127,395.86**
	b) Cash cost basis			9,210.00	**72,382.23**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	4,200	11.00	46,200.00	**345,800.00**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**47,200.00**	**353,284.85**
	Net return				
	a) Full cost basis			30,990.00	225,888.98
	b) Cash cost basis			37,990.00	280,902.62
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.77
	b) Cash cost basis				4.88
D.	**Potato cost (Tk/Kg)**				
	a) Full cost basis			3.86	
	b) Cash cost basis			2.19	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Potato production (Medium)

(2006- 07)

Upazila: Lalmonirhat/Domar/Pirgacha **District:** Lalmonirhat/Nilphamari/Rangpur **Crop:** Potato **Variety:** Granula

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	5	200.00	1,000.00	**7,484.85**
2	**Labor**	30	150.00	4,500.00	**33,681.82**
3	**Seed/ Seedling (kg)**	165	30.00	4,950.00	**37,050.00**
4	**Fertilizer**				
	a) Urea (kg)	40	6.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	50	25.00	1,250.00	**9,356.06**
	d) Gypsum (kg)	15	4.00	60.00	**449.09**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**127**	**323**	**2,180**	**16,317**
5	**Pesticides:**				
	a) Insecticide	1	120.00	120.00	**898.18**
	b) Fungicide	1	360.00	360.00	**2,694.55**
	Total Pesticide	**2**	**480**	**480**	**3,593**
6	**Irrigation**	2	300.00	600.00	**4,490.91**
7	**Land rent**	1	2,500.00	2,500.00	**18,712.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		810.50	**6,066.47**
	b) Cash cost basis	Interest 5%		460.50	**3,446.77**
A.	**Total Cost:**				
	a) Full cost basis			16,210.00	**127,395.86**
	b) Cash cost basis			9,210.00	**72,382.23**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	2,900	11.00	31,900.00	**238,766.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**32,900.00**	**246,251.52**
	Net return				
	a) Full cost basis			16,690.00	118,855.65
	b) Cash cost basis			23,690.00	173,869.29
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.93
	b) Cash cost basis				3.40
D.	**Potato cost (Tk/Kg)**				
	a) Full cost basis			5.59	
	b) Cash cost basis			3.18	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Potato production (Low)

(2006- 07)

Upazila: Lalmonirhat/Domar/Pirgacha **District:** Lalmonirhat/Nilphamari/Rangpur **Crop:** Potato **Variety:** Granula

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	5	200.00	1,000.00	**7,484.85**
2	Labor	30	150.00	4,500.00	**33,681.82**
3	Seed/ Seedling (kg)	165	30.00	4,950.00	**37,050.00**
4	Fertilizer				
	a) Urea (kg)	40	6.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	20	18.00	360.00	**2,694.55**
	c) MP (kg)	50	25.00	1,250.00	**9,356.06**
	d) Gypsum (kg)	15	4.00	60.00	**449.09**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**127**	**323**	**2,180**	**16,317**
5	Pesticides:				
	a) Insecticide	1	120.00	120.00	**898.18**
	b) Fungicide	1	360.00	360.00	**2,694.55**
	Total Pesticide	**2**	**480**	**480**	**3,593**
6	Irrigation	2	300.00	600.00	**4,490.91**
7	Land rent	1	2,500.00	2,500.00	**18,712.12**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		810.50	**6,066.47**
	b) Cash cost basis	Interest 5%		460.50	**3,446.77**
A.	**Total Cost:**				
	a) Full cost basis			16,210.00	**127,395.86**
	b) Cash cost basis			9,210.00	**72,382.23**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	2,000	11.00	22,000.00	**164,666.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**23,000.00**	**172,151.52**
	Net return				
	a) Full cost basis			6,790.00	44,755.65
	b) Cash cost basis			13,790.00	99,769.29
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.35
	b) Cash cost basis				2.38
D.	**Potato cost (Tk/Kg)**				
	a) Full cost basis			8.11	
	b) Cash cost basis			4.61	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** Dimont

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	200.00	600.00	**4,490.91**
2	Labor	15	150.00	2,250.00	**16,840.91**
3	Seed/ Seedling (kg)	2	165.00	330.00	**2,470.00**
4	Fertilizer				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	Pesticides:				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	Irrigation	3	300.00	900.00	**6,736.36**
7	Land rent	1	2,000.00	2,000.00	**14,969.70**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		369.50	**2,765.65**
	b) Cash cost basis	Interest 5%		157.00	**1,175.12**
A.	**Total Cost:**				
	a) Full cost basis			7,390.00	**58,078.68**
	b) Cash cost basis			3,140.00	**24,677.55**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,109	11.50	12,753.50	**95,458.02**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,753.50**	**102,942.86**
	Net return				
	a) Full cost basis			6,363.50	44,864.18
	b) Cash cost basis			10,613.50	78,265.32
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.77
	b) Cash cost basis				4.17
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			6.66	
	b) Cash cost basis			2.83	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** Dimont

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		369.50	**2,765.65**
	b) Cash cost basis	Interest 5%		157.00	**1,175.12**
A.	**Total Cost:**				
	a) Full cost basis			7,390.00	**58,078.68**
	b) Cash cost basis			3,140.00	**24,677.55**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	935	11.50	10,752.50	**80,480.83**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,752.50**	**87,965.68**
	Net return				
	a) Full cost basis			4,362.50	29,887.00
	b) Cash cost basis			8,612.50	63,288.14
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.51
	b) Cash cost basis				3.56
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.90	
	b) Cash cost basis			3.36	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** Dimont

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		369.50	**2,765.65**
	b) Cash cost basis	Interest 5%		157.00	**1,175.12**
A.	**Total Cost:**				
	a) Full cost basis			7,390.00	**58,078.68**
	b) Cash cost basis			3,140.00	**24,677.55**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	716	11.50	8,234.00	**61,630.24**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,234.00**	**69,115.09**
	Net return				
	a) Full cost basis			1,844.00	11,036.41
	b) Cash cost basis			6,094.00	44,437.55
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.19
	b) Cash cost basis				2.80
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			10.32	
	b) Cash cost basis			4.39	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** NK-40

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	220.00	440.00	**3,293.33**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		375.00	**2,806.82**
	b) Cash cost basis	Interest 5%		162.50	**1,216.29**
A.	**Total Cost:**				
	a) Full cost basis			7,500.00	**58,943.18**
	b) Cash cost basis			3,250.00	**25,542.05**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,269	11.50	14,593.50	**109,230.14**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**15,593.50**	**116,714.98**
	Net return				
	a) Full cost basis			8,093.50	57,771.80
	b) Cash cost basis			12,343.50	91,172.94
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.98
	b) Cash cost basis				4.57
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			5.91	
	b) Cash cost basis			2.56	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** NK-40

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	220.00	440.00	**3,293.33**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		375.00	**2,806.82**
	b) Cash cost basis	Interest 5%		162.50	**1,216.29**
A.	**Total Cost:**				
	a) Full cost basis			7,500.00	**58,943.18**
	b) Cash cost basis			3,250.00	**25,542.05**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,069	11.50	12,293.50	**92,014.98**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,293.50**	**99,499.83**
	Net return				
	a) Full cost basis			5,793.50	40,556.65
	b) Cash cost basis			10,043.50	73,957.79
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.69
	b) Cash cost basis				3.90
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.02	
	b) Cash cost basis			3.04	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** NK-40

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	220.00	440.00	**3,293.33**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		375.00	**2,806.82**
	b) Cash cost basis	Interest 5%		162.50	**1,216.29**
A.	**Total Cost:**				
	a) Full cost basis			7,500.00	**58,943.18**
	b) Cash cost basis			3,250.00	**25,542.05**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	735	11.50	8,452.50	**63,265.68**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,452.50**	**70,750.53**
	Net return				
	a) Full cost basis			1,952.50	11,807.35
	b) Cash cost basis			6,202.50	45,208.48
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.20
	b) Cash cost basis				2.77
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			10.20	
	b) Cash cost basis			4.42	

Note:

1 1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 984

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	190.00	380.00	**2,844.24**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		372.00	**2,784.36**
	b) Cash cost basis	Interest 5%		159.50	**1,193.83**
A.	**Total Cost:**				
	a) Full cost basis			7,440.00	**58,471.64**
	b) Cash cost basis			3,190.00	**25,070.50**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,109	11.50	12,753.50	**95,458.02**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,753.50**	**102,942.86**
	Net return				
	a) Full cost basis			6,313.50	44,471.23
	b) Cash cost basis			10,563.50	77,872.36
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.76
	b) Cash cost basis				4.11
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			6.71	
	b) Cash cost basis			2.88	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 984

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	190.00	380.00	**2,844.24**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		372.00	**2,784.36**
	b) Cash cost basis	Interest 5%		159.50	**1,193.83**
A.	**Total Cost:**				
	a) Full cost basis			7,440.00	**58,471.64**
	b) Cash cost basis			3,190.00	**25,070.50**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	935	11.50	10,752.50	**80,480.83**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,752.50**	**87,965.68**
	Net return				
	a) Full cost basis			4,312.50	29,494.05
	b) Cash cost basis			8,562.50	62,895.18
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.50
	b) Cash cost basis				3.51
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.96	
	b) Cash cost basis			3.41	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 984

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	190.00	380.00	**2,844.24**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		372.00	**2,784.36**
	b) Cash cost basis	Interest 5%		159.50	**1,193.83**
A.	**Total Cost:**				
	a) Full cost basis			7,440.00	**58,471.64**
	b) Cash cost basis			3,190.00	**25,070.50**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	715	11.50	8,222.50	**61,544.17**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,222.50**	**69,029.02**
	Net return				
	a) Full cost basis			1,782.50	10,557.38
	b) Cash cost basis			6,032.50	43,958.52
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.18
	b) Cash cost basis				2.75
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			10.41	
	b) Cash cost basis			4.46	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (High)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 900M

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	240.00	480.00	**3,592.73**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		377.00	**2,821.79**
	b) Cash cost basis	Interest 5%		164.50	**1,231.26**
A.	**Total Cost:**				
	a) Full cost basis			7,540.00	**59,257.55**
	b) Cash cost basis			3,290.00	**25,856.41**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,320	11.50	15,180.00	**113,620.00**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**16,180.00**	**121,104.85**
	Net return				
	a) Full cost basis			8,640.00	61,847.30
	b) Cash cost basis			12,890.00	95,248.44
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.04
	b) Cash cost basis				4.68
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			5.71	
	b) Cash cost basis			2.49	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Medium)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 900M

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	240.00	480.00	**3,592.73**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		377.00	**2,821.79**
	b) Cash cost basis	Interest 5%		164.50	**1,231.26**
A.	**Total Cost:**				
	a) Full cost basis			7,540.00	**59,257.55**
	b) Cash cost basis			3,290.00	**25,856.41**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,136	11.50	13,064.00	**97,782.06**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,064.00**	**105,266.91**
	Net return				
	a) Full cost basis			6,524.00	46,009.36
	b) Cash cost basis			10,774.00	79,410.50
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.78
	b) Cash cost basis				4.07
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			6.64	
	b) Cash cost basis			2.90	

Note:

1 1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize production (Low)

(2006- 07)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 900M

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	240.00	480.00	**3,592.73**
4	**Fertilizer**				
	a) Urea (kg)	60	6.00	360.00	**2,694.55**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**54**	**1,070**	**8,009**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		377.00	**2,821.79**
	b) Cash cost basis	Interest 5%		164.50	**1,231.26**
A.	**Total Cost:**				
	a) Full cost basis			7,540.00	**59,257.55**
	b) Cash cost basis			3,290.00	**25,856.41**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	935	11.50	10,752.50	**80,480.83**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,752.50**	**87,965.68**
	Net return				
	a) Full cost basis			4,212.50	28,708.14
	b) Cash cost basis			8,462.50	62,109.27
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.48
	b) Cash cost basis				3.40
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			8.06	
	b) Cash cost basis			3.52	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Wheat production (High)

(2006- 07)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Wheat **Variety:** Shatabdi

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	20	32.00	640.00	**4,790.30**
4	**Fertilizer**				
	a) Urea (kg)	20	6.00	120.00	**898.18**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**61**	**178**	**990**	**7,410**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		369.00	**2,761.91**
	b) Cash cost basis	Interest 5%		156.50	**1,171.38**
A.	**Total Cost:**				
	a) Full cost basis			7,380.00	**58,000.09**
	b) Cash cost basis			3,130.00	**24,598.95**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	420	17.50	7,350.00	**55,013.64**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,350.00**	**62,498.48**
	Net return				
	a) Full cost basis			970.00	4,498.39
	b) Cash cost basis			5,220.00	37,899.53
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.08
	b) Cash cost basis				2.54
D.	**Wheat cost (Tk/Kg)**				
	a) Full cost basis			17.57	
	b) Cash cost basis			7.45	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Wheat production (Medium)

(2006- 07)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Wheat **Variety:** Shatabdi

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	20	32.00	640.00	**4,790.30**
4	**Fertilizer**				
	a) Urea (kg)	20	6.00	120.00	**898.18**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**61**	**178**	**990**	**7,410**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		369.00	**2,761.91**
	b) Cash cost basis	Interest 5%		156.50	**1,171.38**
A.	**Total Cost:**				
	a) Full cost basis			7,380.00	**58,000.09**
	b) Cash cost basis			3,130.00	**24,598.95**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	380	17.50	6,650.00	**49,774.24**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**7,650.00**	**57,259.09**
	Net return				
	a) Full cost basis			270.00	(741.00)
	b) Cash cost basis			4,520.00	32,660.14
C.	**Cost Benefit Ratio**				
	a) Full cost basis				0.99
	b) Cash cost basis				2.33
D.	**Wheat cost (Tk/Kg)**				
	a) Full cost basis			19.42	
	b) Cash cost basis			8.24	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Wheat production (Low)

(2006- 07)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Wheat **Variety:** Shatabdi

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	200.00	600.00	**4,490.91**
2	Labor	15	150.00	2,250.00	**16,840.91**
3	Seed/ Seedling (kg)	20	32.00	640.00	**4,790.30**
4	Fertilizer				
	a) Urea (kg)	20	6.00	120.00	**898.18**
	b) TSP/ DAP (kg)	20	23.00	460.00	**3,443.03**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**61**	**178**	**990**	**7,410**
5	Pesticides:				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	Irrigation	3	300.00	900.00	**6,736.36**
7	Land rent	1	2,000.00	2,000.00	**14,969.70**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		369.00	**2,761.91**
	b) Cash cost basis	Interest 5%		156.50	**1,171.38**
A.	**Total Cost:**				
	a) Full cost basis			7,380.00	**58,000.09**
	b) Cash cost basis			3,130.00	**24,598.95**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	340	17.50	5,950.00	**44,534.85**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**6,950.00**	**52,019.70**
	Net return				
	a) Full cost basis			(430.00)	(5,980.39)
	b) Cash cost basis			3,820.00	27,420.74
C.	**Cost Benefit Ratio**				
	a) Full cost basis				0.90
	b) Cash cost basis				2.11
D.	**Wheat cost (Tk/Kg)**				
	a) Full cost basis			21.71	
	b) Cash cost basis			9.21	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

B. 2007-2008 Cropping Season

Cost and return for Boro rice *(High)*

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-28

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	150.00	450.00	**3,368.18**
2	Labor	20	120.00	2,400.00	**17,963.64**
3	Seed/ Seedling (kg)	5	40.00	200.00	**1,496.97**
4	Fertilizer				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**211**	**1,660**	**12,425**
5	Pesticides:				
	a) Insecticide			200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**200**	**1,497**
6	Irrigation	1	2,000.00	2,000.00	**14,969.70**
7	Land rent	1	3,000.00	3,000.00	**22,454.55**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		495.50	**3,708.74**
	b) Cash cost basis	Interest 5%		225.50	**1,687.83**
A.	**Total Cost:**				
	a) Full cost basis			9,910.00	**77,883.59**
	b) Cash cost basis			4,510.00	**35,444.50**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,000	18.00	18,000.00	**134,727.27**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**19,000.00**	**142,212.12**
	Net return				
	a) Full cost basis			9,090.00	64,328.53
	b) Cash cost basis			14,490.00	106,767.62
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.83
	b) Cash cost basis				4.01
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.91	
	b) Cash cost basis			4.51	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (Medium)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-28

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**210**	**1,640**	**12,275**
5	**Pesticides:**				
	a) Insecticide	2	100.00	200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**100**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		494.50	**3,701.26**
	b) Cash cost basis	Interest 5%		224.50	**1,680.35**
A.	**Total Cost:**				
	a) Full cost basis			9,890.00	**77,726.41**
	b) Cash cost basis			4,490.00	**35,287.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	950	18.00	17,100.00	**127,990.91**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**18,100.00**	**135,475.76**
	Net return				
	a) Full cost basis			8,210.00	57,749.35
	b) Cash cost basis			13,610.00	100,188.44
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.74
	b) Cash cost basis				3.84
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.41	
	b) Cash cost basis			4.73	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (Low)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-28

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	20	120.00	2,400.00	**17,963.64**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	30	8.00	240.00	**1,796.36**
	b) TSP/ DAP (kg)	20	43.00	860.00	**6,436.97**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	120.00	120.00	**898.18**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**81**	**212**	**1,680**	**12,575**
5	**Pesticides:**				
	a) Insecticide	2	100.00	200.00	**1,496.97**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**100**	**200**	**1,497**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		496.50	**3,716.23**
	b) Cash cost basis	Interest 5%		226.50	**1,695.32**
A.	**Total Cost:**				
	a) Full cost basis			9,930.00	**78,040.77**
	b) Cash cost basis			4,530.00	**35,601.68**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	900	18.00	16,200.00	**121,254.55**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**17,200.00**	**128,739.39**
	Net return				
	a) Full cost basis			7,270.00	50,698.62
	b) Cash cost basis			12,670.00	93,137.71
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.65
	b) Cash cost basis				3.62
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			11.03	
	b) Cash cost basis			5.03	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (High)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-29

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	36	8.00	288.00	**2,155.64**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**240**	**1,718**	**12,859**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,500.00	2,500.00	**18,712.12**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		543.40	**4,067.27**
	b) Cash cost basis	Interest 5%		261.40	**1,956.54**
A.	**Total Cost:**				
	a) Full cost basis			10,868.00	**85,412.60**
	b) Cash cost basis			5,228.00	**41,087.33**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,200	18.00	21,600.00	**161,672.73**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**22,600.00**	**169,157.58**
	Net return				
	a) Full cost basis			11,732.00	83,744.98
	b) Cash cost basis			17,372.00	128,070.25
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.98
	b) Cash cost basis				4.12
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.06	
	b) Cash cost basis			4.36	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (Medium)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-29

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	36	8.00	288.00	**2,155.64**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**240**	**1,718**	**12,859**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,500.00	2,500.00	**18,712.12**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		543.40	**4,067.27**
	b) Cash cost basis	Interest 5%		261.40	**1,956.54**
A.	**Total Cost:**				
	a) Full cost basis			10,868.00	**85,412.60**
	b) Cash cost basis			5,228.00	**41,087.33**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,120	18.00	20,160.00	**150,894.55**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**21,160.00**	**158,379.39**
	Net return				
	a) Full cost basis			10,292.00	72,966.79
	b) Cash cost basis			15,932.00	117,292.07
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.85
	b) Cash cost basis				3.85
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.70	
	b) Cash cost basis			4.67	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (Low)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** BRRI Dhan-29

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	5	40.00	200.00	**1,496.97**
4	**Fertilizer**				
	a) Urea (kg)	36	8.00	288.00	**2,155.64**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**241**	**1,738**	**13,009**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,500.00	2,500.00	**18,712.12**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		544.40	**4,074.75**
	b) Cash cost basis	Interest 5%		262.40	**1,964.02**
A.	**Total Cost:**				
	a) Full cost basis			10,888.00	**85,569.78**
	b) Cash cost basis			5,248.00	**41,244.51**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,050	18.00	18,900.00	**141,463.64**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**19,900.00**	**148,948.48**
	Net return				
	a) Full cost basis			9,012.00	63,378.70
	b) Cash cost basis			14,652.00	107,703.98
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.74
	b) Cash cost basis				3.61
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			10.37	
	b) Cash cost basis			5.00	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (High)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** Hira LP-70

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	150.00	450.00	**3,368.18**
2	Labor	22	120.00	2,640.00	**19,760.00**
3	Seed/ Seedling (kg)	2	200.00	400.00	**2,993.94**
4	Fertilizer				
	a) Urea (kg)	36	8.00	288.00	**2,155.64**
	b) TSP/ DAP (kg)	20	43.00	860.00	**6,436.97**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**242**	**1,758**	**13,158**
5	Pesticides:				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	Irrigation	1	2,000.00	2,000.00	**14,969.70**
7	Land rent	1	3,000.00	3,000.00	**22,454.55**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		530.40	**3,969.96**
	b) Cash cost basis	Interest 5%		248.40	**1,859.24**
A.	**Total Cost:**				
	a) Full cost basis			10,608.00	**83,369.24**
	b) Cash cost basis			4,968.00	**39,043.96**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,336	17.00	22,712.00	**169,995.88**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**23,712.00**	**177,480.73**
	Net return				
	a) Full cost basis			13,104.00	94,111.49
	b) Cash cost basis			18,744.00	138,436.76
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.13
	b) Cash cost basis				4.55
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			7.94	
	b) Cash cost basis			3.72	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (Medium)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** Hira LP-70

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	150.00	450.00	**3,368.18**
2	**Labor**	22	120.00	2,640.00	**19,760.00**
3	**Seed/ Seedling (kg)**	2	200.00	400.00	**2,993.94**
4	**Fertilizer**				
	a) Urea (kg)	36	8.00	288.00	**2,155.64**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**240**	**1,718**	**12,859**
5	**Pesticides:**				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	**Irrigation**	1	2,000.00	2,000.00	**14,969.70**
7	**Land rent**	1	3,000.00	3,000.00	**22,454.55**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		528.40	**3,954.99**
	b) Cash cost basis	Interest 5%		246.40	**1,844.27**
A.	**Total Cost:**				
	a) Full cost basis			10,568.00	**83,054.87**
	b) Cash cost basis			4,928.00	**38,729.60**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,135	17.00	19,295.00	**144,420.15**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**20,295.00**	**151,905.00**
	Net return				
	a) Full cost basis			9,727.00	68,850.13
	b) Cash cost basis			15,367.00	113,175.40
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.83
	b) Cash cost basis				3.92
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.31	
	b) Cash cost basis			4.34	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Boro rice (Low)

(2007-8)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Boro **Variety:** Hira LP-70

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	150.00	450.00	**3,368.18**
2	Labor	22	120.00	2,640.00	**19,760.00**
3	Seed/ Seedling (kg)	2	200.00	400.00	**2,993.94**
4	Fertilizer				
	a) Urea (kg)	36	8.00	288.00	**2,155.64**
	b) TSP/ DAP (kg)	20	43.00	860.00	**6,436.97**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	20	5.00	100.00	**748.48**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg)			0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**87**	**242**	**1,758**	**13,158**
5	Pesticides:				
	a) Insecticide	2	180.00	360.00	**2,694.55**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**2**	**180**	**360**	**2,695**
6	Irrigation	1	2,000.00	2,000.00	**14,969.70**
7	Land rent	1	3,000.00	3,000.00	**22,454.55**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		530.40	**3,969.96**
	b) Cash cost basis	Interest 5%		248.40	**1,859.24**
A.	**Total Cost:**				
	a) Full cost basis			10,608.00	**83,369.24**
	b) Cash cost basis			4,968.00	**39,043.96**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,100	17.00	18,700.00	**139,966.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**19,700.00**	**147,451.52**
	Net return				
	a) Full cost basis			9,092.00	64,082.28
	b) Cash cost basis			14,732.00	108,407.55
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.77
	b) Cash cost basis				3.78
D.	**Paddy cost (Tk/Kg)**				
	a) Full cost basis			9.64	
	b) Cash cost basis			4.52	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** BARI-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**348**	**1,404**	**10,509**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		219.70	**1,644.42**
	b) Cash cost basis	Interest 5%		117.20	**877.22**
A.	**Total Cost:**				
	a) Full cost basis			4,394.00	**34,532.85**
	b) Cash cost basis			2,344.00	**18,421.71**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	275	42.50	11,687.50	**87,479.17**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,687.50**	**94,964.02**
	Net return				
	a) Full cost basis			8,293.50	60,431.17
	b) Cash cost basis			10,343.50	76,542.31
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.75
	b) Cash cost basis				5.16
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			15.98	
	b) Cash cost basis			8.52	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** BARI-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	4	150.00	600.00	**4,490.91**
2	Labor	7	150.00	1,050.00	**7,859.09**
3	Seed/ Seedling (kg)	2	70.00	140.00	**1,047.88**
4	Fertilizer				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**348**	**1,404**	**10,509**
5	Pesticides:				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	Irrigation	1	200.00	200.00	**1,496.97**
7	Land rent	1	1,000.00	1,000.00	**7,484.85**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		219.70	**1,644.42**
	b) Cash cost basis	Interest 5%		117.20	**877.22**
A.	**Total Cost:**				
	a) Full cost basis			4,394.00	**34,532.85**
	b) Cash cost basis			2,344.00	**18,421.71**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	200	42.50	8,500.00	**63,621.21**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,500.00**	**71,106.06**
	Net return				
	a) Full cost basis			5,106.00	36,573.22
	b) Cash cost basis			7,156.00	52,684.35
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.06
	b) Cash cost basis				3.86
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			21.97	
	b) Cash cost basis			11.72	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** BARI-11

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**348**	**1,404**	**10,509**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		219.70	**1,644.42**
	b) Cash cost basis	Interest 5%		117.20	**877.22**
A.	**Total Cost:**				
	a) Full cost basis			4,394.00	**34,532.85**
	b) Cash cost basis			2,344.00	**18,421.71**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	140	42.50	5,950.00	**44,534.85**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**6,950.00**	**52,019.70**
	Net return				
	a) Full cost basis			2,556.00	17,486.85
	b) Cash cost basis			4,606.00	33,597.99
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.51
	b) Cash cost basis				2.82
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			31.39	
	b) Cash cost basis			16.74	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** Local Tory-7

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**348**	**1,404**	**10,509**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		219.70	**1,644.42**
	b) Cash cost basis	Interest 5%		117.20	**877.22**
A.	**Total Cost:**				
	a) Full cost basis			4,394.00	**34,532.85**
	b) Cash cost basis			2,344.00	**18,421.71**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	220	42.50	9,350.00	**69,983.33**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,350.00**	**77,468.18**
	Net return				
	a) Full cost basis			5,956.00	42,935.34
	b) Cash cost basis			8,006.00	59,046.47
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.24
	b) Cash cost basis				4.21
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			19.97	
	b) Cash cost basis			10.65	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** Local Tory-7

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**348**	**1,404**	**10,509**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		219.70	**1,644.42**
	b) Cash cost basis	Interest 5%		117.20	**877.22**
A.	**Total Cost:**				
	a) Full cost basis			4,394.00	**34,532.85**
	b) Cash cost basis			2,344.00	**18,421.71**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	150	42.50	6,375.00	**47,715.91**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**7,375.00**	**55,200.76**
	Net return				
	a) Full cost basis			2,981.00	20,667.91
	b) Cash cost basis			5,031.00	36,779.05
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.60
	b) Cash cost basis				3.00
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			29.29	
	b) Cash cost basis			15.63	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Mustard (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Mustard **Variety:** Local Tory-7

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	4	150.00	600.00	**4,490.91**
2	**Labor**	7	150.00	1,050.00	**7,859.09**
3	**Seed/ Seedling (kg)**	2	70.00	140.00	**1,047.88**
4	**Fertilizer**				
	a) Urea (kg)	12	8.00	96.00	**718.55**
	b) TSP/ DAP (kg)	15	41.00	615.00	**4,603.18**
	c) MP (kg)	15	25.00	375.00	**2,806.82**
	d) Gypsum (kg)	12	4.00	48.00	**359.27**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**56**	**348**	**1,404**	**10,509**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	200.00	200.00	**1,496.97**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		219.70	**1,644.42**
	b) Cash cost basis	Interest 5%		117.20	**877.22**
A.	**Total Cost:**				
	a) Full cost basis			4,394.00	**34,532.85**
	b) Cash cost basis			2,344.00	**18,421.71**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	120	42.50	5,100.00	**38,172.73**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**6,100.00**	**45,657.58**
	Net return				
	a) Full cost basis			1,706.00	11,124.73
	b) Cash cost basis			3,756.00	27,235.87
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.32
	b) Cash cost basis				2.48
D.	**Mustard cost (Tk/Kg)**				
	a) Full cost basis			36.62	
	b) Cash cost basis			19.53	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Lentil (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Lentil **Variety:** BARI-4

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	5	150.00	750.00	**5,613.64**
3	**Seed/ Seedling (kg)**	3	55.00	165.00	**1,235.00**
4	**Fertilizer**				
	a) Urea (kg)	5	8.00	40.00	**299.39**
	b) TSP/ DAP (kg)	12	41.00	492.00	**3,682.55**
	c) MP (kg)	5	25.00	125.00	**935.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**32**	**78**	**697**	**5,217**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	300.00	300.00	**2,245.45**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		175.60	**1,314.34**
	b) Cash cost basis	Interest 5%		88.10	**659.42**
A.	**Total Cost:**				
	a) Full cost basis			3,512.00	**27,601.13**
	b) Cash cost basis			1,762.00	**13,847.72**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	240	65.00	15,600.00	**116,763.64**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**16,600.00**	**124,248.48**
	Net return				
	a) Full cost basis			13,088.00	96,647.36
	b) Cash cost basis			14,838.00	110,400.77
C.	**Cost Benefit Ratio**				
	a) Full cost basis				4.50
	b) Cash cost basis				8.97
D.	**Lentil cost (Tk/Kg)**				
	a) Full cost basis			14.63	
	b) Cash cost basis			7.34	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Lentil (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Lentil **Variety:** BARI-4

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	5	150.00	750.00	**5,613.64**
3	**Seed/ Seedling (kg)**	3	55.00	165.00	**1,235.00**
4	**Fertilizer**				
	a) Urea (kg)	5	8.00	40.00	**299.39**
	b) TSP/ DAP (kg)	12	41.00	492.00	**3,682.55**
	c) MP (kg)	5	25.00	125.00	**935.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**32**	**78**	**697**	**5,217**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	300.00	300.00	**2,245.45**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		175.60	**1,314.34**
	b) Cash cost basis	Interest 5%		88.10	**659.42**
A.	**Total Cost:**				
	a) Full cost basis			3,512.00	**27,601.13**
	b) Cash cost basis			1,762.00	**13,847.72**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	200	65.00	13,000.00	**97,303.03**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,000.00**	**104,787.88**
	Net return				
	a) Full cost basis			10,488.00	77,186.75
	b) Cash cost basis			12,238.00	90,940.16
C.	**Cost Benefit Ratio**				
	a) Full cost basis				3.80
	b) Cash cost basis				7.57
D.	**Lentil cost (Tk/Kg)**				
	a) Full cost basis			17.56	
	b) Cash cost basis			8.81	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Lentil (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Lentil **Variety:** BARI-4

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	5	150.00	750.00	**5,613.64**
3	**Seed/ Seedling (kg)**	3	55.00	165.00	**1,235.00**
4	**Fertilizer**				
	a) Urea (kg)	5	8.00	40.00	**299.39**
	b) TSP/ DAP (kg)	12	41.00	492.00	**3,682.55**
	c) MP (kg)	5	25.00	125.00	**935.61**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**32**	**78**	**697**	**5,217**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide			0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	1	300.00	300.00	**2,245.45**
7	**Land rent**	1	1,000.00	1,000.00	**7,484.85**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		175.60	**1,314.34**
	b) Cash cost basis	Interest 5%		88.10	**659.42**
A.	**Total Cost:**				
	a) Full cost basis			3,512.00	**27,601.13**
	b) Cash cost basis			1,762.00	**13,847.72**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	150	65.00	9,750.00	**72,977.27**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**10,750.00**	**80,462.12**
	Net return				
	a) Full cost basis			7,238.00	52,860.99
	b) Cash cost basis			8,988.00	66,614.40
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.92
	b) Cash cost basis				5.81
D.	**Lentil cost (Tk/Kg)**				
	a) Full cost basis			23.41	
	b) Cash cost basis			11.75	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Potato (High)

(2007- 08)

Upazila: Lalmonirhat/Domar/Pirgacha **District:** Lalmonirhat/Nilphamari/Rangpur **Crop:** Potato **Variety:** Granula

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	5	200.00	1,000.00	**7,484.85**
2	**Labor**	30	150.00	4,500.00	**33,681.82**
3	**Seed/ Seedling (kg)**	165	30.00	4,950.00	**37,050.00**
4	**Fertilizer**				
	a) Urea (kg)	40	8.00	320.00	**2,395.15**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	50	25.00	1,250.00	**9,356.06**
	d) Gypsum (kg)	15	4.00	60.00	**449.09**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**127**	**349**	**2,740**	**20,508**
5	**Pesticides:**				
	a) Insecticide	1	120.00	120.00	**898.18**
	b) Fungicide	1	360.00	360.00	**2,694.55**
	Total Pesticide	**2**	**480**	**480**	**3,593**
6	**Irrigation**	2	300.00	600.00	**4,490.91**
7	**Land rent**	1	2,500.00	2,500.00	**18,712.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		838.50	**6,276.05**
	b) Cash cost basis	Interest 5%		488.50	**3,656.35**
A.	**Total Cost:**				
	a) Full cost basis			16,770.00	**131,796.95**
	b) Cash cost basis			9,770.00	**76,783.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	4,500	10.00	45,000.00	**336,818.18**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**46,000.00**	**344,303.03**
	Net return				
	a) Full cost basis			29,230.00	212,506.08
	b) Cash cost basis			36,230.00	267,519.71
C.	**Cost Benefit Ratio**				
	a) Full cost basis				2.61
	b) Cash cost basis				4.48
D.	**Potato cost (Tk/Kg)**				
	a) Full cost basis			3.73	
	b) Cash cost basis			2.17	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Potato (Medium)

(2007- 08)

Upazila: Lalmonirhat/Domar/Pirgacha **District:** Lalmonirhat/Nilphamari/Rangpur **Crop:** Potato **Variety:** Granula

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	5	200.00	1,000.00	**7,484.85**
2	**Labor**	30	150.00	4,500.00	**33,681.82**
3	**Seed/ Seedling (kg)**	165	30.00	4,950.00	**37,050.00**
4	**Fertilizer**				
	a) Urea (kg)	40	8.00	320.00	**2,395.15**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	50	25.00	1,250.00	**9,356.06**
	d) Gypsum (kg)	15	4.00	60.00	**449.09**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**127**	**349**	**2,740**	**20,508**
5	**Pesticides:**				
	a) Insecticide	1	120.00	120.00	**898.18**
	b) Fungicide	1	360.00	360.00	**2,694.55**
	Total Pesticide	**2**	**480**	**480**	**3,593**
6	**Irrigation**	2	300.00	600.00	**4,490.91**
7	**Land rent**	1	2,500.00	2,500.00	**18,712.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		838.50	**6,276.05**
	b) Cash cost basis	Interest 5%		488.50	**3,656.35**
A.	**Total Cost:**				
	a) Full cost basis			16,770.00	**131,796.95**
	b) Cash cost basis			9,770.00	**76,783.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	3,250	10.00	32,500.00	**243,257.58**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**33,500.00**	**250,742.42**
	Net return				
	a) Full cost basis			16,730.00	118,945.47
	b) Cash cost basis			23,730.00	173,959.11
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.90
	b) Cash cost basis				3.27
D.	**Potato cost (Tk/Kg)**				
	a) Full cost basis			5.16	
	b) Cash cost basis			3.01	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Potato (Low)

(2007- 08)

Upazila: Lalmonirhat/Domar/Pirgacha **District:** Lalmonirhat/Nilphamari/Rangpur **Crop:** Potato **Variety:** Granula

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	5	200.00	1,000.00	**7,484.85**
2	**Labor**	30	150.00	4,500.00	**33,681.82**
3	**Seed/ Seedling (kg)**	165	30.00	4,950.00	**37,050.00**
4	**Fertilizer**				
	a) Urea (kg)	40	8.00	320.00	**2,395.15**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	50	25.00	1,250.00	**9,356.06**
	d) Gypsum (kg)	15	4.00	60.00	**449.09**
	e) Zinc (kg)	1	150.00	150.00	**1,122.73**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**127**	**349**	**2,740**	**20,508**
5	**Pesticides:**				
	a) Insecticide	1	120.00	120.00	**898.18**
	b) Fungicide	1	360.00	360.00	**2,694.55**
	Total Pesticide	**2**	**480**	**480**	**3,593**
6	**Irrigation**	2	300.00	600.00	**4,490.91**
7	**Land rent**	1	2,500.00	2,500.00	**18,712.12**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		838.50	**6,276.05**
	b) Cash cost basis	Interest 5%		488.50	**3,656.35**
A.	**Total Cost:**				
	a) Full cost basis			16,770.00	**131,796.95**
	b) Cash cost basis			9,770.00	**76,783.32**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	2,250	10.00	22,500.00	**168,409.09**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**23,500.00**	**175,893.94**
	Net return				
	a) Full cost basis			6,730.00	44,096.98
	b) Cash cost basis			13,730.00	99,110.62
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.33
	b) Cash cost basis				2.29
D.	**Potato cost (Tk/Kg)**				
	a) Full cost basis			7.45	
	b) Cash cost basis			4.34	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** Dimont

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,069	11.25	12,026.25	**90,014.66**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,026.25**	**97,499.51**
	Net return				
	a) Full cost basis			5,136.25	35,491.28
	b) Cash cost basis			9,386.25	68,892.42
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.57
	b) Cash cost basis				3.41
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.38	
	b) Cash cost basis			3.41	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** Dimont

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	909	11.25	10,226.25	**76,541.93**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,226.25**	**84,026.78**
	Net return				
	a) Full cost basis			3,336.25	22,018.55
	b) Cash cost basis			7,586.25	55,419.69
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.36
	b) Cash cost basis				2.94
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			8.68	
	b) Cash cost basis			4.00	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** Dimont

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	695	11.25	7,818.75	**58,522.16**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,818.75**	**66,007.01**
	Net return				
	a) Full cost basis			928.75	3,998.78
	b) Cash cost basis			5,178.75	37,399.92
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.06
	b) Cash cost basis				2.31
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			11.35	
	b) Cash cost basis			5.24	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** NK-40

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	200.00	600.00	**4,490.91**
2	Labor	15	150.00	2,250.00	**16,840.91**
3	Seed/ Seedling (kg)	2	220.00	440.00	**3,293.33**
4	Fertilizer				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	Pesticides:				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	Irrigation	3	300.00	900.00	**6,736.36**
7	Land rent	1	2,000.00	2,000.00	**14,969.70**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		400.00	**2,993.94**
	b) Cash cost basis	Interest 5%		187.50	**1,403.41**
A.	**Total Cost:**				
	a) Full cost basis			8,000.00	**62,872.73**
	b) Cash cost basis			3,750.00	**29,471.59**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,229	11.25	13,826.25	**103,487.39**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,826.25**	**110,972.23**
	Net return				
	a) Full cost basis			6,826.25	48,099.51
	b) Cash cost basis			11,076.25	81,500.64
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.77
	b) Cash cost basis				3.77
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			6.51	
	b) Cash cost basis			3.05	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** NK-40

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	220.00	440.00	**3,293.33**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		400.00	**2,993.94**
	b) Cash cost basis	Interest 5%		187.50	**1,403.41**
A.	**Total Cost:**				
	a) Full cost basis			8,000.00	**62,872.73**
	b) Cash cost basis			3,750.00	**29,471.59**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,002	11.25	11,272.50	**84,372.95**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,272.50**	**91,857.80**
	Net return				
	a) Full cost basis			4,272.50	28,985.08
	b) Cash cost basis			8,522.50	62,386.21
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.46
	b) Cash cost basis				3.12
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.98	
	b) Cash cost basis			3.74	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** NK-40

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	220.00	440.00	**3,293.33**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
10	**Interest on working capital**				
	a) Full cost basis	Interest 5%		400.00	**2,993.94**
	b) Cash cost basis	Interest 5%		187.50	**1,403.41**
A.	**Total Cost:**				
	a) Full cost basis			8,000.00	**62,872.73**
	b) Cash cost basis			3,750.00	**29,471.59**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	735	11.25	8,268.75	**61,890.34**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,268.75**	**69,375.19**
	Net return				
	a) Full cost basis			1,268.75	6,502.46
	b) Cash cost basis			5,518.75	39,903.60
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.10
	b) Cash cost basis				2.35
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			10.88	
	b) Cash cost basis			5.10	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 984

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	190.00	380.00	**2,844.24**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		397.00	**2,971.48**
	b) Cash cost basis	Interest 5%		184.50	**1,380.95**
A.	**Total Cost:**				
	a) Full cost basis			7,940.00	**62,401.18**
	b) Cash cost basis			3,690.00	**29,000.05**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,102	11.25	12,397.50	**92,793.41**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,397.50**	**100,278.26**
	Net return				
	a) Full cost basis			5,457.50	37,877.08
	b) Cash cost basis			9,707.50	71,278.21
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.61
	b) Cash cost basis				3.46
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.21	
	b) Cash cost basis			3.35	

Note:

1 1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 984

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	190.00	380.00	**2,844.24**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		397.00	**2,971.48**
	b) Cash cost basis	Interest 5%		184.50	**1,380.95**
A.	**Total Cost:**				
	a) Full cost basis			7,940.00	**62,401.18**
	b) Cash cost basis			3,690.00	**29,000.05**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	935	11.25	10,518.75	**78,731.25**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,518.75**	**86,216.10**
	Net return				
	a) Full cost basis			3,578.75	23,814.92
	b) Cash cost basis			7,828.75	57,216.05
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.38
	b) Cash cost basis				2.97
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			8.49	
	b) Cash cost basis			3.95	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 984

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	190.00	380.00	**2,844.24**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		397.00	**2,971.48**
	b) Cash cost basis	Interest 5%		184.50	**1,380.95**
A.	**Total Cost:**				
	a) Full cost basis			7,940.00	**62,401.18**
	b) Cash cost basis			3,690.00	**29,000.05**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	708	11.25	7,965.00	**59,616.82**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,965.00**	**67,101.67**
	Net return				
	a) Full cost basis			1,025.00	4,700.48
	b) Cash cost basis			5,275.00	38,101.62
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.08
	b) Cash cost basis				2.31
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			11.21	
	b) Cash cost basis			5.21	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (High)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 900M

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	240.00	480.00	**3,592.73**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		402.00	**3,008.91**
	b) Cash cost basis	Interest 5%		189.50	**1,418.38**
A.	**Total Cost:**				
	a) Full cost basis			8,040.00	**63,187.09**
	b) Cash cost basis			3,790.00	**29,785.95**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,269	11.25	14,276.25	**106,855.57**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**15,276.25**	**114,340.42**
	Net return				
	a) Full cost basis			7,236.25	51,153.33
	b) Cash cost basis			11,486.25	84,554.46
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.81
	b) Cash cost basis				3.84
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			6.34	
	b) Cash cost basis			2.99	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Medium)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 900M

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	240.00	480.00	**3,592.73**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		402.00	**3,008.91**
	b) Cash cost basis	Interest 5%		189.50	**1,418.38**
A.	**Total Cost:**				
	a) Full cost basis			8,040.00	**63,187.09**
	b) Cash cost basis			3,790.00	**29,785.95**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,069	11.25	12,026.25	**90,014.66**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,026.25**	**97,499.51**
	Net return				
	a) Full cost basis			4,986.25	34,312.42
	b) Cash cost basis			9,236.25	67,713.55
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.54
	b) Cash cost basis				3.27
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.52	
	b) Cash cost basis			3.55	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Low)

(2007- 08)

Upazila: Baraigram/Gurudaspur/Tarash **District:** Natore/Sirajganj **Crop:** Maize **Variety:** 900M

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	240.00	480.00	**3,592.73**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		402.00	**3,008.91**
	b) Cash cost basis	Interest 5%		189.50	**1,418.38**
A.	**Total Cost:**				
	a) Full cost basis			8,040.00	**63,187.09**
	b) Cash cost basis			3,790.00	**29,785.95**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	695	11.25	7,818.75	**58,522.16**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,818.75**	**66,007.01**
	Net return				
	a) Full cost basis			778.75	2,819.92
	b) Cash cost basis			5,028.75	36,221.05
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.04
	b) Cash cost basis				2.22
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			11.57	
	b) Cash cost basis			5.45	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (High)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Maize **Variety:** DHM 888

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,068	11.25	12,015.00	**89,930.45**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**13,015.00**	**97,415.30**
	Net return				
	a) Full cost basis			5,125.00	35,407.08
	b) Cash cost basis			9,375.00	68,808.21
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.57
	b) Cash cost basis				3.41
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.39	
	b) Cash cost basis			3.41	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Medium)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Maize **Variety:** DHM 888

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	200.00	600.00	**4,490.91**
2	Labor	15	150.00	2,250.00	**16,840.91**
3	Seed/ Seedling (kg)	2	165.00	330.00	**2,470.00**
4	Fertilizer				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	Pesticides:				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	Irrigation	3	300.00	900.00	**6,736.36**
7	Land rent	1	2,000.00	2,000.00	**14,969.70**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	915	11.25	10,293.75	**77,047.16**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**11,293.75**	**84,532.01**
	Net return				
	a) Full cost basis			3,403.75	22,523.78
	b) Cash cost basis			7,653.75	55,924.92
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.36
	b) Cash cost basis				2.95
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			8.62	
	b) Cash cost basis			3.98	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Low)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Maize **Variety:** DHM 888

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	165.00	330.00	**2,470.00**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	688	11.25	7,740.00	**57,932.73**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**8,740.00**	**65,417.58**
	Net return				
	a) Full cost basis			850.00	3,409.35
	b) Cash cost basis			5,100.00	36,810.48
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.05
	b) Cash cost basis				2.29
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			11.47	
	b) Cash cost basis			5.29	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (High)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Maize **Variety:** DHM 8255

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	200.00	600.00	**4,490.91**
2	Labor	15	150.00	2,250.00	**16,840.91**
3	Seed/ Seedling (kg)	2	180.00	360.00	**2,694.55**
4	Fertilizer				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	Pesticides:				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	Irrigation	3	300.00	900.00	**6,736.36**
7	Land rent	1	2,000.00	2,000.00	**14,969.70**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		396.00	**2,964.00**
	b) Cash cost basis	Interest 5%		183.50	**1,373.47**
A.	**Total Cost:**				
	a) Full cost basis			7,920.00	**62,244.00**
	b) Cash cost basis			3,670.00	**28,842.86**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,243	11.25	13,983.75	**104,666.25**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,983.75**	**112,151.10**
	Net return				
	a) Full cost basis			7,063.75	49,907.10
	b) Cash cost basis			11,313.75	83,308.23
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.80
	b) Cash cost basis				3.89
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			6.37	
	b) Cash cost basis			2.95	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Medium)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Maize **Variety:** DHM 8255

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	Land Preparation	3	200.00	600.00	**4,490.91**
2	Labor	15	150.00	2,250.00	**16,840.91**
3	Seed/ Seedling (kg)	2	180.00	360.00	**2,694.55**
4	Fertilizer				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	Pesticides:				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	Irrigation	3	300.00	900.00	**6,736.36**
7	Land rent	1	2,000.00	2,000.00	**14,969.70**
8	Interest on working capital				
	a) Full cost basis	Interest 5%		396.00	**2,964.00**
	b) Cash cost basis	Interest 5%		183.50	**1,373.47**
A.	**Total Cost:**				
	a) Full cost basis			7,920.00	**62,244.00**
	b) Cash cost basis			3,670.00	**28,842.86**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	1,049	11.25	11,801.25	**88,330.57**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,801.25**	**95,815.42**
	Net return				
	a) Full cost basis			4,881.25	33,571.42
	b) Cash cost basis			9,131.25	66,972.55
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.54
	b) Cash cost basis				3.32
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			7.55	
	b) Cash cost basis			3.50	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Maize (Low)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Maize **Variety:** DHM 8255

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	2	180.00	360.00	**2,694.55**
4	**Fertilizer**				
	a) Urea (kg)	60	8.00	480.00	**3,592.73**
	b) TSP/ DAP (kg)	20	42.00	840.00	**6,287.27**
	c) MP (kg)	10	25.00	250.00	**1,871.21**
	d) Gypsum (kg)	0	0.00	0.00	**0.00**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	0	0.00	0.00	**0.00**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**90**	**75**	**1,570**	**11,751**
5	**Pesticides:**				
	a) Insecticide	2	120.00	240.00	**1,796.36**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**2**	**120**	**240**	**1,796**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		396.00	**2,964.00**
	b) Cash cost basis	Interest 5%		183.50	**1,373.47**
A.	**Total Cost:**				
	a) Full cost basis			7,920.00	**62,244.00**
	b) Cash cost basis			3,670.00	**28,842.86**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	748	11.25	8,415.00	**62,985.00**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**9,415.00**	**70,469.85**
	Net return				
	a) Full cost basis			1,495.00	8,225.85
	b) Cash cost basis			5,745.00	41,626.98
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.13
	b) Cash cost basis				2.44
D.	**Maize cost (Tk/Kg)**				
	a) Full cost basis			10.59	
	b) Cash cost basis			4.91	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Wheat (High)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Wheat **Variety:** Shatabdi

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	20	32.00	640.00	**4,790.30**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**61**	**209**	**1,500**	**11,227**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	475	27.50	13,062.50	**97,770.83**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**14,062.50**	**105,255.68**
	Net return				
	a) Full cost basis			6,172.50	43,247.45
	b) Cash cost basis			10,422.50	76,648.59
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.70
	b) Cash cost basis				3.68
D.	**Wheat cost (Tk/Kg)**				
	a) Full cost basis			16.61	
	b) Cash cost basis			7.66	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Wheat (Medium)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Wheat **Variety:** Shatabdi

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	20	32.00	640.00	**4,790.30**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**61**	**209**	**1,500**	**11,227**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	410	27.50	11,275.00	**84,391.67**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,275.00**	**91,876.52**
	Net return				
	a) Full cost basis			4,385.00	29,868.29
	b) Cash cost basis			8,635.00	63,269.42
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.48
	b) Cash cost basis				3.21
D.	**Wheat cost (Tk/Kg)**				
	a) Full cost basis			19.24	
	b) Cash cost basis			8.88	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital

Cost and return for Wheat (Low)

(2007- 08)

Upazila: Lalmonirhat sadar **District:** Lalmonirhat **Crop:** Wheat **Variety:** Shatabdi

SL#	Item	Quantity (Bigha)	Rate (Tk)	Cost-return/Bigha (Tk)	Cost-return/Ha (Tk/ha)
A. Cost					
1	**Land Preparation**	3	200.00	600.00	**4,490.91**
2	**Labor**	15	150.00	2,250.00	**16,840.91**
3	**Seed/ Seedling (kg)**	20	32.00	640.00	**4,790.30**
4	**Fertilizer**				
	a) Urea (kg)	20	8.00	160.00	**1,197.58**
	b) TSP/ DAP (kg)	20	41.00	820.00	**6,137.58**
	c) MP (kg)	10	36.00	360.00	**2,694.55**
	d) Gypsum (kg)	10	4.00	40.00	**299.39**
	e) Zinc (kg)	0	0.00	0.00	**0.00**
	f) Other (kg) (Borax)	1	120.00	120.00	**898.18**
	g) Cowdung/ Compost (kg)			0.00	**0.00**
	Total fertilizer	**61**	**209**	**1,500**	**11,227**
5	**Pesticides:**				
	a) Insecticide	0	0.00	0.00	**0.00**
	b) Fungicide	0	0.00	0.00	**0.00**
	Total Pesticide	**0**	**0**	**0**	**0**
6	**Irrigation**	3	300.00	900.00	**6,736.36**
7	**Land rent**	1	2,000.00	2,000.00	**14,969.70**
8	**Interest on working capital**				
	a) Full cost basis	Interest 5%		394.50	**2,952.77**
	b) Cash cost basis	Interest 5%		182.00	**1,362.24**
A.	**Total Cost:**				
	a) Full cost basis			7,890.00	**62,008.23**
	b) Cash cost basis			3,640.00	**28,607.09**
B Gross and Net return:					
	Gross return				
	a) Main product (Kg)	400	27.50	11,000.00	**82,333.33**
	b) By-product			1,000.00	**7,484.85**
	Total Gross return			**12,000.00**	**89,818.18**
	Net return				
	a) Full cost basis			4,110.00	27,809.95
	b) Cash cost basis			8,360.00	61,211.09
C.	**Cost Benefit Ratio**				
	a) Full cost basis				1.45
	b) Cash cost basis				3.14
D.	**Wheat cost (Tk/Kg)**				
	a) Full cost basis			19.73	
	b) Cash cost basis			9.10	

Note:

1 **1 Bigha = 33 Decimals, 1 Hectare= 247 Decimals,**

A. Cash cost basis includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Interest on working capital

B. Full cost includes: 1. Land preparation, 2. Seed, 3. Fertilizer, 4. Pesticide, 5. Irrigation, 6. Labour, 7. Land rent, 8. Interest on working capital