

Study on the Cost of Production of *Boro* Rice Seed

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Sl. No.	Item of work	Bullock Power	Rate		Labor	Rate		Total
			Per pair	Total		Per day	Total	
01.	Seed soaking and treatment	-	-	-	1	220	220	220
02.	Ploughing laddering and seed bed preparation	2	220	440	2	220	440	880
03.	Carrying manure, fertilizer spreading in seed	-	-	-	3	220	660	660
04.	Trimming oiles of corners, removing of stubbles from seed bed	-	-	-	2	220	440	440
05.	Sowing seeds and other operations	-	-	-	2	220	440	440
06.	Weeding and irrigation	-	-	-	2	220	440	440
07.	Uprooting of seedling	-	-	-	3	220	660	660
08.	Preparation of main field by ploughing, laddering and pulling	8	220	1760	16	220	3520	5280
09.	Trimming, spading of corners and removing stabbles formation	-	-	-	4	220	88	880
10.	Carrying manures and fertilizers sprading	2	220	440	4	220	880	1320
11.	Transplanting in the main field	-	-	-	16	220	1320	1320
12.	Gap tilling	-	-	-	2	220	440	440
13.	Weeding and roughing (3 times)	-	-	-	15	220	9900	9900
14.	Irrigating (2 times)	-	-	-	2	220	880	880
15.	Fertilizer top dressing	-	-	-	2	220	440	440
16.	Harvesting, binding and carring	4	220	4×220	10	220	2200	3080
17.	Threshing	-	-	-	6	220	6×220	1320
18.	Winnowing	-	-	-	2	220	440	440
19.	Drying and heaping	-	-	-	8	220	8×220	1760
20.	Storing	-	-	-	8	220	1760	1760
21.	Packaging	-	-	-	10	220	2200	2200
22.	Processing and testing	-	-	-	6	220	1320	1320
23.	Promotional activities	-	-	-	2	220	440	440
24.	Selling	4	220	880	4	220	880	1760
Grand Total								33440

B. Material input cost:

Sl. No.	Items	Quantity (per ha)	Rate (Tk)	Cost (Tk)
01.	Cost of seed	20 kg	100.00	2000
02.	Cost of manure and fertilizer			
	a) Cowdung	5 ton	250.00	1250
	b) Urea	200 kg	11.60	2320
	c) TSP	125 kg	21.60	2700
	d) MOP	70 kg	14.80	1036
	e) Gypsum	70 kg	18.00	1260
	f) ZnSO ₄	10 kg	25.00	250
03.	Cost of irrigation water	-	-	1500
04.	Cost of presticide and fuming and chemical	-	-	2000
05.	Packaging and accessories	-	-	20000
06.	Promotional materials	-	-	5000
Grand Total				39316

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Also available at: www.hasanuzzaman.webs.com

⚠ Important Note: *All doses, values and prices are hypothetical. DO NOT use as example.



Total input cost (running capital) = Non material + material cost
 = 33440 + 39316
 = 72756

C. Overhead Cost:

Sl. No.	Items	Cost
01.	Tax of land for 6 months	125
02.	Interest of running capital at 7% for 6 months	5093
03.	Interest on fixed capital taking the value of land as Tk. 1 lakh for 6 months or leasing value of 1 ha for 6 months	20000
04.	Miscellaneous (approximately 5% of the running capital)	3637
Ground Total		28855

Total cost of production = Running cost + cost + Overhead cost
 = 72756 + 28855
 = 101611

D. Gross income:

Sl. No.	Products	Yield (per ha)	Rate (per ton)	Total value (Tk)
01.	Main product (Grain)	6.5 ton	12000	7,80,000
02.	By product (Straw)	7.0 ton	2000	14,000
Ground Total				7,94,000

E. Net income:

Net income = (Gross income – total cost of production)
 = 7,94,000 – 1,01,611
 = 6,92,389 Taka.

Comment: We get net income 6,88,389 Taka Total cost of production 1,01,611. So, it is a profitable business for us.

