Supplementary Table S1. Cost of production (in Bangladeshi taka)

A. Non-material cost

Sl. No.	Item of work	Cost of power tiller/combined harvester (Tk)	No. of labor required @ 800tk/day	Labor cost (Tk)	Total cost (Tk)
1	Seed soaking and treatment		1	800	800
2	Seedbed preparation and seed sowing	500	1	800	1300
3	Preparation of the main field	14500	4	3200	17700
4	Fertilizer application		5	4000	4000
5	Uprooting of seedlings, transplanting, and gap filling		30	24000	24000
6	Weeding		8	6400	6400
7	Pesticide application		5	4000	4000
8.	Harvesting, carrying, threshing, winnowing, drying, and storing	11000	10	8000	19000
Total non-material cost					77200

B. Material cost

Sl. No.	Items	Quantity (kg/ha)	Rate (Tk)	Total cost (Tk)
1.	Seed	18	70 (Moulata)	1260
			200 (Hybrid)	3600
2.	Fertilizers-			
	Urea	160	28	4480
	TSP	60	28	1680
	MoP	85	25	2125
	Gypsum	55.5	35	1950
	$ZnSO_4$	7.5	260	1950
3.	Pesticides			2000
Total material cost				15445 (Moulata) 17785 (Hybrid)

Total input cost of Moulata = Non-material cost + Material cost

= 77200 + 15445

= 92645 Tk

Total input cost of Hybrid = Non-material cost + Material cost

= 77200 + 17785

= 94985 Tk

C. Overhead cost

Sl. No.	Items	Cost (Tk)
1	Interest on input cost at 8.5% for 6 months	3930 (Moulata)
		4030 (Hybrid)
2	Leasing value of 1 ha land for 6 months	20000
3	Miscellaneous (5% of input cost)	4630 (Moulata)
		4750 (Hybrid)
Total overhead cost		28560 (Moulata) 28780 (Hybrid)

Total production cost of Moulata = 92645 + 28560 = 121205 Tk

Total production cost of hybrid = 94985 + 28780 = 123765 Tk

Gross income (in Bangladeshi taka)

a) AZ7006

Sl. No.	Products	Yield (t/ha)		Rate (Tk/ton)	Total (Tk)	
		T_1	T_2		T_1	T_2
1	Grain	4.85	4.25	27500	133375	116875
2	Straw	5.32	5.20	2500	13300	13000
Gross income					146675	129875

b) Dhani Gold

Sl. No.	Products	Yield (t/ha)		Rate (Tk/ton)	Total (Tk)	
		T_1	T_2		T_1	T_2
1	Grain	5.47	5.07	27500	150425	139425
2	Straw	6.10	3.93	2500	15250	9825
Gross income					165675	149250

a) INH-16019

Sl. No.	Products	Yield (t/ha)		Rate (Tk/ton)	Total (Tk)	
		T_1	T_2		T_1	T_2
1	Grain	5.20	4.63	27500	143000	127325
2	Straw	6.47	4.73	2500	16175	11825
Gross income					159175	139150

a) Moulata

Sl. No.	Products	Yield (t/ha)		Rate (Tk/ton)	Total (Tk)	
		T_1	T_2		T_1	T_2
1	Grain	3.67	3.57	30000	110100	107100
2	Straw	8.37	8.00	2500	20925	20000
Gross income					131025	127100

T_1= 50-day-old seedlings; T_2= 60-day-old seedlings