

Weighted Average Cost of Production					
Mash, 2022-23					
No.	Operation / Inputs	Avg. No. of Operation / Unit (Acre)	Percentage of Usage (%)	Avg. Cost per Operation/ Unit (Rs./acre)	Total Weighted Cost (Rs. /acre)
1	Deep Ploughing	2	61%	1009	1231
	Ploughing	2	44%	926	815
	Planking	2	67%	429	575
	Leveling				
	Cost of Land Prep				2621
2	Seed Quantity (kg)	3.3	100%	223	736
	Seed Drilling				
	Seed Broadcasting				
	Seed Treatment				
	Bridging				
	Cost of Seed & Sowing				736
3	Water No				
	Water Labour				
	Canal Labour				
	Cost of Water				
4	Urea				
	DAP				
	Other Fertilizer				
	Fertilizer Labour				
	Fertilizer Transport				
	Cost of Fertilizer				
5	Dung trolly				
	Dung Transport				
	Dung Labour				
	Cost of Dung				
6	Spray Pesticides	1	56%	505	283
	Spray Pest Labour	1	39%	279	109
	Cost of Pesticides				392
7	Spray Weedicides	1	17%	567	96
	Spray Weeds Labr	1	17%	250	43
	Hoing Labour				
	Cost of Weedicides				139
8	Pick / Dig Cost				
	Cutting Cost	1	56%	2880	1613
	Threshing Cost	1	56%	1900	1064
	Machine Harvesting				
	Cost of Harvesting				2677
9	Full / Half Yearly Land Rent (Rs./acre)				10000
10	Admin. Cost				
	Tunnel Cost				
	Cost of Other Exp.				
11	Transport Rent	1	33%	225	74
	Transport Labour				
	Bar Dana (Bags)	1	33%	47	16
	Cost of Transport				90
Cost of Production		At Mandi Gate		(Rs./ acre)	16,654
		(With Land Rent)		(Rs./ 40 Kg)	4,827
		At Farm Gate		(Rs./ acre)	16,564
		(With Land Rent)		(Rs./ 40 Kg)	4,801
Avg. Yield		Last 3 Years		(40kg/acre)	3.45
Gross Revenue		Net Crop Value	Mandi Gate	8273	28,542
		@ (Rs./40 kg)	Farm Gate	7576	26,137
		Residual		(Rs./acre)	
		Net Revenue	Mandi Gate	(Rs./acre)	28,542
			Farm Gate		26,137
Profit		At Mandi Gate		(Rs./acre)	11,888
		(With Land Rent)		(Rs./40kg)	3,446
		At Farm Gate		(Rs./acre)	9,573
		(With Land Rent)		(Rs./40kg)	2,775
Indicative Price (Rs./ 40 Kg) @			25%	6,034	

Source: Crop Reporting Service, Agriculture Deptt, Punjab