

Weighted Average Cost of Production					
RapeSeed & Mustrad, 2023-24					
No.	Operation / Inputs	Avg. No. of Operation / Unit (/acre)	(%) of Usage (Weights)	Avg. Cost per Operation / Unit (Rs./acre)	Total Weighted Cost (Rs./acre)
1	Deep Ploughing	1	40%	3355	1342
	Ploughing	2.5	100%	2157	5393
	Planking	1.6	100%	1534	2454
	Leveling	1	10%	3765	377
	Cost of Land Preparation				
2	Seed Quantity (kg)	2.2	100%	1300	2860
	Seed Drilling	1	11%	1987	219
	Seed Broadcasting	1	89%	567	505
	Seed Treatment				
	Cost of Seed & Sowing				
3	Water Cost	2.5	77%	2223	4279
	Water Labour	1	77%	546	1051
	Cost of Irrigation				
4	Urea	1.1	92%	3300	3340
	DAP	1	62%	10700	6634
	Other Fertilizer	1	7%	9771	684
	Fertilizer Labour/Transport	1	92%	637	586
	Cost of Fertilizer				
5	Dung trolley	2.5	7%	2054	359
	Dung Labour/Transport	1	7%	2134	373
	Cost of Dung				
6	Spray Pesticides	1.13	60%	1645	1115
	Spray Pest Labour	1	60%	565	383
	Cost of Pesticides				
7	Spray Weedicides	1	8%	1539	123
	Spray Weeds Labour	1	8%	497	40
	Cost of Weedicides				
8	Pick / Dig Cost				
	Manual Cutting Cost	1	100%	5267	5267
	Threshing Cost	1	100%	6134	6134
	Machine Harvesting				
	Cost of Harvesting				
9	Full / Half Yearly Land Rent (Rs./acre)				35000
10	Admin. Cost	1	8%	6232	499
	Tunnel Cost				
	Cost of Other Exp.				
11	Transport Rent	1	90%	2436	2192
	Transport Labour	1	90%	899	809
	Bar Dana (Bags)	1	61%	1156	705
	Cost of Transport				
Cost of Production		At Mandi Gate (With Land Rent)		(Rs./ acre)	82,723
				(Rs./ 40 Kg)	5,014
Average Yield		for the Last 3 Years		(40kg/acre)	16.5
Expected Revenue		Crop Value @ 6,267		(Rs./acre)	103,404
		Residual Value		(Rs./acre)	7,694
		Gross Revenue		(Rs./acre)	111,098
Expected Profit		At Mandi Gate (With Land Rent)		(Rs./acre)	28,375
				(Rs./40kg)	1,720
Indicative Price (Rs./ 40 Kg) @ 25%				6,267	

Source: Crop Reporting Service, Agriculture Deptt, Punjab