

Weighted Average Cost of Production						
Sesame, 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	33%	3213	1060	
	Ploughing	3	90%	1788	4828	
	Planking	1	93%	1242	1155	
	Leveling	1	6%	3033	182	
	Cost of Land Prep				7225	
2	Seed Quantity (kg)	2	100%	935	1870	
	Seed Drilling					
	Seed Transmission	1	45%	407	183	
	Seed Treatment					
	Cost of Seed & Sowing				2053	
3	Water No	2	87%	1729	3008	
	Water Labour	1	34%	454	154	
	Canal Labour	1	34%	455	155	
	Cost of Water				3318	
4	Urea	1	83%	2800	2324	
	DAP	1	45%	11000	4950	
	Other Fertilizer	1	5%	5800	290	
	Fertilizer Labour	1	28%	255	71	
	Fertilizer Transport	1	80%	136	109	
	Cost of Fertilizer				7744	
5	Dung trolley					
	Dung Transport					
	Dung Labour					
	Cost of Dung					
6	Spray Pesticides	2	99%	1273	2521	
	Spray Pest Labour	1	80%	370	592	
	Cost of Pesticides				3113	
7	Spray Weedicides	1	12%	1060	127	
	Spray Weeds Labr	1	12%	325	39	
	Hoing Labour	1	6%	2209	133	
	Cost of Weedicides				299	
8	Pick / Dig Cost					
	Cutting Cost	1	99%	6096	6035	
	Threshing Cost	1	89%	5131	4567	
	Machine Harvesting					
	Cost of Harvesting				10602	
9	Full / Half Yearly Land Rent (Rs./acre)				25000	
10	Admin. Cost					
	Tunnel Cost					
	Cost of Other Exp.					
11	Transport Rent	1	87%	1161	1010	
	Transport Labour	1	28%	389	109	
	Bar Dana (Bags)	1	44%	503	221	
	Cost of Transport				1340	
Cost of Production		At Mandi Gate		(Rs./ acre)	60,693	
		(With Land Rent)		(Rs./ 40 Kg)	10,032	
		At Farm Gate		(Rs./ acre)	59,353	
		(With Land Rent)		(Rs./ 40 Kg)	9,810	
Avg. Yield		Last 3 Years		(40kg/acre)	6.05	
Gross Revenue		Crop Price @ (Rs./40kg)	Mandi Gate	11410	69,031	
			Farm Gate			
		Residual			(Rs./acre)	5,005
		Net Revenue	Mandi Gate		(Rs./acre)	74,036
Farm Gate						
Profit		At Mandi Gate		(Rs./acre)	13,342	
		(With Land Rent)		(Rs./40kg)	2,205	
		At Farm Gate			(Rs./acre)	
		(With Land Rent)			(Rs./40kg)	
Proposed Price (Rs./ 40 Kg) @			25%		12,540	

Source: Crop Reporting Service, Agriculture Deptt, Punjab