

<b>Weighted Average Cost of Production</b>							
<b>Apple Gourd, 2023-24</b>							
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						
	Ploughing	3.8	100%	2000	7600		
	Planking	2	100%	2560	5120		
	Leveling						
	<b>Cost of Land Prep</b>				<b>12720</b>		
2	Seed Quantity (kg)	1	100%	10040	10040		
	Seed Drilling						
	Seed Transmission	1	40%	4500	1800		
	Seed Treatment						
	Bridging	1	100%	3300	3300		
	<b>Cost of Seed &amp; Sowing</b>				<b>15140</b>		
3	Water No	4.6	100%	1280	5888		
	Water Labour	1	20%	300	60		
	Canal Labour						
	<b>Cost of Water</b>				<b>5948</b>		
4	Urea	2	80%	2800	4480		
	DAP	1	100%	11000	11000		
	Other Fertilizer	1	20%	7800	1560		
	Fertilizer Labour						
	Fertilizer Transport	1	80%	175	140		
	<b>Cost of Fertilizer</b>				<b>17180</b>		
5	Dung trolley	1	20%	2000	400		
	Dung Transport	1	20%	1000	200		
	Dung Labour	1	20%	500	100		
	<b>Cost of Dung</b>				<b>700</b>		
6	Spray Pesticides	6.6	100%	1320	8712		
	Spray Pest Labour	1	80%	300	1584		
	<b>Cost of Pesticides</b>				<b>10296</b>		
7	Spray Weedicides	1	40%	1200	480		
	Spray Weeds Labr	1	20%	500	100		
	Hoing Labour	1	100%	3600	3600		
	<b>Cost of Weedicides</b>				<b>4180</b>		
8	Pick / Dig Cost	1	100%	21800	21800		
	Cutting Cost						
	Threshing Cost						
	Machine Harvesting						
	<b>Cost of Harvesting</b>				<b>21800</b>		
9	<b>Full / Half Yearly Land Rent (Rs./acre)</b>				<b>25000</b>		
10	Admin. Cost						
	Tunnel Cost						
	<b>Cost of Other Exp.</b>						
11	Transport Rent	1	100%	18400	18400		
	Transport Labour	1	40%	6000	2400		
	Bar Dana (Bags)	1	100%	4900	4900		
	<b>Cost of Transport</b>				<b>25700</b>		
<b>Cost of Production</b>		<b>At Mandi Gate</b>		(Rs./ acre)	<b>138,664</b>		
		<b>(With Land Rent)</b>		(Rs./ 40 Kg)	<b>1,333</b>		
		<b>At Farm Gate</b>		(Rs./ acre)	<b>112,964</b>		
		<b>(With Land Rent)</b>		(Rs./ 40 Kg)	<b>1,086</b>		
<b>Avg. Yield</b>		Last 3 Years		(40kg/acre)	<b>104.0</b>		
<b>Gross Revenue</b>		<b>Crop Price @ (Rs./40kg)</b>	<b>Mandi Gate</b>	<b>2570</b>	<b>267,280</b>		
			<b>Farm Gate</b>				
		<b>Residual</b>				(Rs./acre)	
		<b>Net Revenue</b>	<b>Mandi Gate</b>				(Rs./acre)
<b>Farm Gate</b>							
<b>Profit</b>		<b>At Mandi Gate</b>		(Rs./acre)	<b>128,616</b>		
		<b>(With Land Rent)</b>		(Rs./40kg)	<b>1,237</b>		
		<b>At Farm Gate</b>				(Rs./acre)	
		<b>(With Land Rent)</b>				(Rs./40kg)	
<b>Proposed Price (Rs./ 40 Kg) @</b>			<b>25%</b>	<b>1,667</b>			

Source: Crop Reporting Service, Agriculture Deptt, Punjab