

Estimation of cost of cultivation for main plantation of large cardamom (*Amomum subulatum* Roxb.) in Sikkim region for 2026-27

Particulars	1 st year				2 nd year				3 rd year				4 th year			
	Input		Labour		Input		Labour		Input		Labour		Input		Labour	
	Qty.	Cost	No. Of Mandays	Cost	Qty.	Cost	No. Of Mandays	Cost	Qty.	Cost	No. Of Mandays	Cost	Qty.	Cost	No. Of Mandays	Cost
Land preparation including	-	-	80	40000	-	-	8	4000	-	-	8	4000	-	-	8	4000
Planting & after care (Planting unit cost @Rs.12/-)	4400 nos.	52800	24	12000	440	5280	3	1500	Own	-	3	1500	Own	-	3	1500
Manuring @2 round (Manure cost @Rs.5.0/kg)	13,200 kg	66000	16	8000	13,200 kg	66000	16	8000	13200 kg	66000	16	8000	22,000 Kg	110000	20	10000
Weeding & mulching @2 round	-	-	20	10000	-	-	20	10000	-	-	20	10000	-	-	20	10000
Plant protection measures (Bio agent/ neem based product/ COC)	36Kg	18000	10	5000	36Kg	18000	10	5000	40Kg	20000	12	6000	50Kg	25000	15	7500
Agricultural Equipments and Irrigation	Tank and pipes	50000	20	10000	-	-	20	10000	-	-	20	10000	-	8000	24	12000
Harvesting & Curing	-	-	-	-	-	-	-	-	Bhatti	72000	10	5000	-	-	20	10000
Miscellaneous	-	8000	-	-	-	8000	-	-	-	8000	-	-	-	8000	-	-
expenditure		194800	170	85000		97280	77	38500	-	166000	89	44500		151000	110	55000
Total expenditure	279800				135780				210500				206000			
Sale of dry capsules @ Rs1175/- (av. Price of last 3 years)	-				-				411250 (350 kg dry capsule)				705000 (600 kg dry capsule)			
Total cost																
Total income																
B: C ratio of total project (based on invest made by the grower himself)																

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Particulars	5 th year				6 th year				7 th year				8 th year			
	Input		Labour		Input		Labour		Input		Labour		Input		Labour	
	Qty.	Cost	No. Of Mandays	Cost	Qty.	Cost	No. Of Mandays	Cost	Qty.	Cost	No. Of Mandays	Cost	Qty.	Cost	No. Of Mandays	Cost
Land preparation including	-	-	8	4000	-	-	8	4000	-	-	-	-	-	-	-	-
Planting & after care (Planting unit cost @Rs.12/-)	Own	-	3	1500	Own	-	3	1500	Own	-	-	-	-	-	-	-
Manuring @2 round (Manure cost @Rs.5.0/kg)	22,000 Kg	110000	20	10000	22,000 Kg	110000	20	10000	22,000 Kg	110000	20	10000	20000 Kg	100000	18	9000
Weeding & mulching @2 round	-	-	20	10000	-	-	20	10000	-	-	20	10000	-	-	20	10000
Plant protection measures (Bio agent/ neem-based product/ COC)	60Kg	30000	15	7500	60Kg	30000	15	7500	50Kg	25000	15	7500	50Kg	25000	15	7500
Agricultural Equipment and Irrigation		-	24	12000	-	-	24	12000	-	-	24	12000	-	-	20	10000
Harvesting & Curing	-	-	25	12500	-	-	25	12500	-	-	25	12500	-	-	20	10000
Miscellaneous	-	10000	-	-	-	10000	-	-	-	10000	-	-	-	10000	-	-
expenditure		150000	115	57500		150000	115	57500		145000	104	52000		135000	93	46500
Total expenditure	207500				207500				197000				181500			
Sale of dry capsules @ Rs.1175/- (av. Price of last 3 years)	763750 (650 kg dry capsule)				705000 (600 kg dry capsule)				587500 (500kg dry capsule)				470000 (400 kg dry capsule)			
Total cost													1625580			
Total income													3642500			
Total Net income													2016920			
B: C ratio of total project (based on invest made by the grower himself)													2.24:1			

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