

Cost of cultivation of Large Cardamom per hectare in Sikkim and Darjeeling Dt

Sl no	Particulars	1st year					2nd year					3rd year					Remarks
		Input		Labour		Total	Input		Labour		Total	Input		Labour		Total	
		Quantity	Cost	No of Man days	Cost		Quantity	Cost	No of Man days	Cost		Quantity	Cost	No of Man days	Cost		
1	Land preparation including	0	0	60	12000	12000	0	0	0	0		0	0	0	0	0	
2	Planting & Stacking	4000 nos	24000	20	4000	28000	400*	2400	2	400	2800	0	0	0	0	0	Rs 6/- per sucker
3	Manuring @ 2 rounds	8000 Kg	12000	20	4000	16000	16000 kgs	24000	40	8000	32000	16000	24000	40	8000	32000	2kg manure/plant per round/ Rs 1.50
4	Weeding/ basemaking @ 2 rounds and Mulching	0	0	20	4000	4000	0	0	30	6000	6000	0	0	40	8000	8000	
5	Irrigation & shade Mgt	0	0	20	4000	4000	0	0	20	4000	4000	0	0	20	4000	4000	
6	Spraying & Bio pesticide application @ 2 rounds	10 kg	1500	10	2000	3500	20 kg	3000	15	3000	6000	20 kg	3000	15	3000	6000	10 kg for 1st year: 20 kg psuedomonos/round
7	Harvesting	0	0	0	0	0	0	0	0	0	0	0	0	30	6000	6000	
8	Curing & Processing	0	0	0	0	0	0	0	0	0	0	0	0	10	2000	2000	
9	Miscellaneous	0	0	5	1000	1000	0	0	5	1000	1000	0	0	3	600	600	
			37500	155	31000	68500	0	29400	112	22400	51800	16000	27000	158	31600	58600	
	*-Gap filling																
	Labour cost : Rs.200/- per man day																
	Spacing : 5 feet x 5 feet																
	Plant population per ha : 4000 Nos																
	Cost of replanting / new planting and maintenance during gestation period : Rs.120300/-																
	Cost maintenance of plantation [3rd year onwards]: Rs.58600/-																
	Yield : 300 kg [dry] per ha																
	Price : Rs.800/- per kg																
	Gross income : Rs.2.40 lakh																
	Economic life span :8 years																

(APPROVED BY RO NABARD KOLKATA ON 24.6.2014)

Financial Analysis

Income	1st Yr	2nd Yr	3r Yr	4th Yr	5th Yr	6th Yr	7th Yr	8th Yr	Total
Yield Kg/Per Ha	0	0	0	250	275	302.5	302.5	302.5	1432.5
Price per Kg	800	800	800	800	800	800	800	800	6400
Total Income	0	0	0	200000	220000	242000	242000	242000	1146000
Total Expenditure	68500	11800	58600	58000	58000	58000	58000	58000	458900
Interest @ 12% per annum	8220	6216	7032	6960	6960	6960	6960	6960	56268
Total cost	76720	18016	65632	64960	64960	64960	64960	64960	325168
Gross Profit	-76720	-18016	-65632	135040	155040	177040	177040	177040	620832

NPE	446199
NPB	824205
NPIW	378005
BCR	2
IRR	50%

Repayment Schedule

Particulars	Amount in Rs						
	1st Yr	2nd Yr	3r Yr	4th Yr	5th Yr	6th Yr	7th Yr
Loan o/s	68500	128520	202542	284847	224847	144847	44847
Interest	8220	15422	24305	34182	26982	17382	5382
Total Loan o/s	76720	143942	226847	319029	251829	162229	50229
Total income	0	0	0	200000	220000	242000	242000
Input + maintenance costs	0	0	0	58000	58000	58000	58000
Surplus				142000	162000	184000	184000
Repayment				60000	80000	100000	50229

* : Gap filling
Labour cost : R
Spacing : 5ft x
Plant population

Cost of replant
Maintenance co
Yield : 300 kg
Price : Rs 800
Gross income:
Economic life

