

## COST OF CULTIVATION OF CARDAMOM (KERALA)\*

One Hectare: 1100 plants

Spacing: 10 x 10 feet

Total wage rate: (Wage/day: Rs. 363.23+Interim relief paid by farmers: Rs. 50) = Rs 413.23

### 1. Labour

Sl. No	Particulars	I Year		II Year	
		Labour	Expenses (Rs)	Labour	Expenses (Rs)
1	Clearing site	40	16529.2	-	-
2	Marking lines	8	3305.84	-	-
3	Making roads/foot paths	10	4132.3	4	1652.92
4	Taking drain	7	2892.61	-	-
5	Shade regulation	21	8677.83	11	4545.53
6	Taking pits	73	30165.79	-	-
7	Filling pits	36	14876.28	8	3305.84
8	Planting/Staking/ Mulching	29	11983.67	-	-
9	Manuring	26	10743.98	41	16942.43
10	Weeding	61	25207.03	69	28512.87
11	P. P Operation	32	13223.36	39	16115.97
12	Digging	45	18595.35	54	22314.42
13	Irrigation	38	15702.74	58	23967.34
14	Gap filling	-	-	6	2479.38
15	Maintaining drainage & foot paths	-	-	4	1652.92
16	Harvesting and cleaning	-	-	100	41323
17	Curing charge (1000 Kg green)@Rs 12/Kg	-	-	-	12,000
18	Trashing	-	-	15	6198.45
	<b>Total</b>	<b>426</b>	<b>1,76,036</b>	<b>409</b>	<b>1,81,011</b>

### II. MATERIALS

Sl. No	Name of the Component	I Year (Rs)	II Year (Rs)
1	a. Cost of planting materials (1100 nos.)@ Rs.40	44000	4400
	b. Transportation	4000	750
2	FYM (5 tonnes during 1 <sup>st</sup> year and second year) @Rs. 6 /Kg	30000.00	30000.00
3	Neem cake/Groundnut cake, bone meal, vermicompost etc.	33000.00	33000.00
4	Fertilisers:	13035.00	17314.00
5	P. P Chemicals + Bioagents (Trichoderma, Pseudomonas,	12650.00	25850.00
6	Lime @1/2 Kg/pit @Rs 20/Kg	11000.00	0.00
	<b>Total</b>		
	<b>Grand Total</b>	<b>(1,76,036+1,47,685)</b>	<b>(1,81,011+1,11,314)</b>
	<b>Total cost of replanting &amp; maintenance cost during</b>	<b>616046.00</b>	

**MAINTENANCE COST OF MATURE CARDAMOM PLANTATION**  
**(3<sup>RD</sup> YEAR ONWARDS)**

1 hectare: 1100 plants Spacing: 10x10 feet

Total wage rate= (Wage/day: Rs 363.23+Interim relief paid by farmers: Rs 50)= Rs 413.23

**1. Labour**

Sl. No:	Particulars	Labour	Expenses (Rs)
1	Maintaining drainage & foot paths	5	2066.15
2	Shade regulation	25	10330.75
3	Digging rain water pits	30	12396.9
4	Mulching 2 times	60	24793.8
5	Manuring	30	12396.9
6	Trashing	55	22727.65
7	Weeding	55	22727.65
8	Soil application (Once in a year)	30	12396.9
9	Soil raking	30	12396.9
10	P P Operation (7 rounds spraying pesticides & 2 rounds BM spray, bioagent application)	45	18595.35
11	Irrigation (4 months 15 days interval)	50	20661.5
12	Harvesting and processing	255	105373.7
	<b>Total</b>	<b>670</b>	<b>2,76,864</b>

**II. MATERIALS**

Sl. No	Name of the component	Expenses (Rs)
1	Organic manure (Cow dung + Neem cake+ Bone meal)	44,825
2	Fertilisers 125:125:250 Kg /Ha. NPK	22,093
3	P P Chemicals + Bio agents	28,600
	<b>Total</b>	<b>95,518</b>

Total cost of maintenance ( 2,76,864 + 95,518) = **Rs. 3,72,382/-**

**YIELD PROJECTIONS OF CARDAMOM /Ha**

Year of planting	Average yield Dry (Kg/Ha)
1 <sup>st</sup> Year	Nil
2 <sup>nd</sup> Year	250
3 <sup>rd</sup> Year	1,000

*\* The cost of cultivation of Karnataka and Tamil Nadu will vary according to the wage rates of respective States*