

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
	Total	426	1,76,036	409	1,81,011

II. MATERIALS

Sl. No	Name of the Component	I Year (Rs)	II Year (Rs)
1	a. Cost of planting materials (1100 nos.)@ Rs.40 b. Transportation	44000 4000	4400 750
2	FYM (5 tonnes during 1 st 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
	Total		
	Grand Total	(1,76,036+1,47,685)	(1,81,011+1,11,314)
	Total cost of replanting & maintenance cost during	616046.00	

MAINTENANCE COST OF MATURE CARDAMOM PLANTATION
(3RD 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
	Total	670	2,76,864

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
	Total	95,518

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 st Year	Nil
2 nd Year	250
3 rd Year	1,000

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