

## COST OF CULTIVATION OF CARDAMOM ( KERALA )

1 hectare : 1000 plants  
 Spacing : 10 X 10 feet  
 Wage rate : Rs. 235/- per labour per day

### I. LABOUR

Sl.No	Particulars	I year		II year	
		Labour	Expenses	Labour	Expenses
1	Clearing site	40	9400	--	--
2	Marking lines	8	1880	--	--
3	Making Roads / Foot paths	10	2350	4	940
4	Taking drain	7	1645	--	--
5	Shade regulation	21	4935	11	2585
6	Taking pits	73	17155	--	--
7	Filling pits	36	8460	8	1880
8	Planting/Staking/ Mulching	29	6815	--	--
9	Manuring	26	6110	41	9635
10	Weeding	61	14335	69	16125
11	P.P. operation	32	7520	39	9165
12	Digging	45	10575	54	12690
13	Irrigation	38	8930	58	13630
14	Gap filling	--	--	6	1410
15	Maintaining drainage & foot paths	--	--	4	940
16	Harvesting & Processing	--	--	72	16920
17	Trashing	--	--	--	--
	<b>TOTAL</b>	<b>426</b>	<b>100110</b>	<b>366</b>	<b>86010</b>

### II. MATERIALS

Sl.No.	Name of the component	I year	II year
1	Cost of planting materials (1100 nos.) (@ Rs.10/-)	11,000	880
2	Cattle Manure @ 5 tonnes during first year, @ 5.5 t during 2 <sup>nd</sup> and 3 <sup>rd</sup> years @ Rs. 3/Kg	15,000	16,500
3	Neem /Ground nut cakes, bone meal, vermicompost etc. @ 1 kg. Per plant @ Rs. 20	20,000	20,000
4	Fertilisers:- I year 25:25:50 NPK II year @ 40:40:80 and III year @ 75:75:150	2,000	3,100
5	P.P. Chemicals	1,500	3,500
	<b>TOTAL</b>	<b>49,500</b>	<b>43,980</b>
	<b>GRAND TOTAL</b>	<b>1,49,610</b>	<b>1,29,990</b>
	<b>TOTAL COST OF CULTIVATION</b>	<b>2,79,600/-</b>	

### **YIELD PROJECTIONS OF CARDAMOM / Ha**

<b>Year of Planting</b>	<b>Average Yield (Kg/ Ha)</b>
I Year	NIL
II Year	147 Kg
III Year	500 Kg
IV Year	650 Kg

### **WEIGHTED AVERAGE AUCTION PRICES OF CARDAMOM SMALL IN KERALA FOR THE SEASON 2007-08 TO 2013-14**

<b>Year</b>	<b>Average Price in Rs./ Kg</b>
2007-08	503.48
2008-09	538.16
2009-10	876.62
2010-11	968.22
2011-12	645.61
2012-13	686.89
2013-14	617.60

## COST OF CULTIVATION FOR CARDAMOM – KARNATAKA

Unit \_ 1 ha.

No. of plants – 3000 per ha.

Wage rate – Rs. 192/- per labour per day

Gestation period : 3 years

Sl. No.	Particulars	I year		II year		III year	
		Labour	Expenses	Labour	Expenses	Labour	Expenses
1	Clearing site	30	5760	--	--	--	--
2	Alignment & Pegging	10	1920	--	--	--	--
3	Foot path and drainage	10	1920	--	--	--	--
4	Shade regulation	20	3840	--	--	--	--
5	Opening the pits	60	11520	--	--	--	--
6	Filling the pits	30	5760	--	--	--	--
7	Shade regulation	20	3840	10	1920	10	1920
8	Manuring	20	3840	25	4800	30	5760
9	Planting/staking/ Mulching	20	3840	4	768	2	384
10	Irrigation	20	3840	25	4800	25	4800
11	weeding	50	9600	40	7680	40	7680
12	P.P.Operation	18	3456	20	3840	25	4800
13	Digging	45	8640	--	--	--	--
14	Gap filling	--	--	5	960	2	384
15	Trashing	--	--	--	--	5	960
16	Harvesting and Processing	--	--	--	--	30	5760
	<b>Total</b>	<b>353</b>	<b>67776</b>	<b>129</b>	<b>24768</b>	<b>169</b>	<b>32448</b>

### II. MATERIALS

No	Component	I year		II year		III year	
		Input	Expenses	Input	Expenses	Input	Expenses
1	Cost of planting materials @ Rs. 5.00)	3000 nos	15000	300 nos	1500	150 nos	750
2	Fertilizer		2642		4234		7950
3	P.P.Chemicals		916		1633		2615
4	Organic manure		10000		10000		10000
5	Neem cake		----		-----		10000
6	Fuel/electricity for irrigation		2500		500		2500
	<b>TOTAL</b>		<b>31058</b>		<b>19867</b>		<b>33815</b>
	<b>GRAND TOTAL</b>		<b>98834</b>		<b>44635</b>		<b>66263</b>
	<b>TOTAL COST OF CULTIVATION</b>	<b>2,09,732.00</b>					

### **YIELD PROJECTIONS OF CARDAMOM / Ha**

<b>Year of Planting</b>	<b>Average Yield (Kg/ Ha)</b>
I Year	NIL
II Year	NIL
III Year	110 Kg
IV Year	350 Kg
V year	420 Kg

### **WEIGHTED AVERAGE AUCTION PRICES OF CARDAMOM SMALL IN KARNATAKA FOR THE SEASON 2008-09 TO 2013-14**

<b>Year</b>	<b>Average Price in Rs./ Kg</b>
2008-09	414.62
2009-10	600.10
2010-11	796.41
2011-12	450.08
2012-13	460.44
2013-14	410.51