

## COST OF CULTIVATION SMALL CARDAMOM (KERALA)

One Ha: 1,100 plants

Spacing: 10 x 10 feet

Wage rate /day: Rs. 421.21+ DA: Rs 151.55 for the period of April – June 2026) = Rs 572.76/day

### 1. Labour

| Sl. No | Particulars                                       | I Year      |                  | II Year     |                  |
|--------|---------------------------------------------------|-------------|------------------|-------------|------------------|
|        |                                                   | Labour (No) | Expenses (Rs)    | Labour (No) | Expenses (Rs)    |
| 1.     | Site Clearing – ploughing & land preparation.     | 40          | 22910.4          | 0           | 0                |
| 2.     | Shade regulation by skilled labour @ Rs 1000/-day | 30          | 30000.00         | 15          | 15000.00         |
| 3.     | Contour terracing & Marking lines                 | 14          | 8018.64          | 0           | 0                |
| 4.     | Making roads/foot paths                           | 11          | 6300.36          | 3           | 1718.28          |
| 5.     | Drainage Preparation                              | 15          | 8591.4           | 0           | 0                |
| 6.     | Pit opening                                       | 70          | 40093.20         | 0           | 0                |
| 7.     | Pit filling                                       | 33          | 18901.08         |             |                  |
| 8.     | Planting/Staking/ Mulching                        | 33          | 18901.08         | 0           | 0                |
| 9.     | Manure / Fertilizer applications                  | 28          | 16037.28         | 35          | 20046.6          |
| 10.    | Weeding & Pruning                                 | 43          | 24628.68         | 36          | 20619.36         |
| 11.    | Pl. Protection Operations                         | 34          | 19473.84         | 41          | 23483.16         |
| 12.    | Soil Works                                        | 15          | 8591.4           | 40          | 22910.4          |
| 13.    | Irrigation                                        | 50          | 28638            | 53          | 30356.28         |
| 14.    | Gap filling                                       | 0           | 0                | 5           | 2863.8           |
| 15.    | Maintaining drainage & foot paths                 | 0           | 0                | 5           | 2863.8           |
| 16.    | Harvesting                                        | 0           | 0                | 65          | 37229.40         |
| 17.    | Post-harvest operations (1000 Kg green) @Rs 12/Kg | 0           | 0                | -           | 12000.00         |
|        | <b>Total</b>                                      | <b>416</b>  | <b>251085.36</b> | <b>280</b>  | <b>172372.80</b> |

### II. MATERIALS (Input Cost)

| Sl. No | Name of the Component                                                    | I Year (Rs)         | II Year (Rs)       |
|--------|--------------------------------------------------------------------------|---------------------|--------------------|
| 1      | i Cost of planting materials (1100 nos.) @ Rs.50/-<br>ii Transportation  | 55000.00<br>6000.00 | 5500.00<br>1250.00 |
| 2      | FYM (5 Ton during 1 <sup>st</sup> year and second year) @Rs. 15/Kg/plant | 28050.00            | 57750.00           |
| 3      | Neem cake/Groundnut cake, bone meal, vermi-compost etc.                  | 39600.00            | 39600.00           |
| 4      | Fertilizers:                                                             | 12450.00            | 16600.00           |

|   |                                                                                |                                               |                                               |
|---|--------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| 5 | P. P Chemicals + Bioagents (Trichoderma, Pseudomonas)                          | 17300.00                                      | 34600.00                                      |
| 6 | Lime @1/2 Kg/pit @Rs 40/Kg                                                     | 22000.00                                      | 0.00                                          |
|   | <b>Total</b>                                                                   | <b>180400.00</b>                              | <b>155300.00</b>                              |
|   | <b>Grand Total</b>                                                             | <b>431485.00</b><br>(251085.00+<br>180400.00) | <b>327673.00</b><br>(172373.00+<br>155300.00) |
|   | <b>Total cost of replanting &amp; maintenance cost during initial 2 years.</b> | <b>7,59,158.00</b>                            |                                               |

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

1 Ha: 1100 plants

Spacing: 10x10 ft.

Wage rate /day: Rs. 421.21+ DA: Rs 151.55 for the period of April – June 2026) = Rs

572.76/day

**1. Labour**

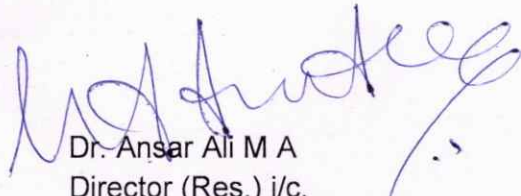
| Sl. No | Particulars                                                                                                | Labour (No) | Expenses (Rs)    |
|--------|------------------------------------------------------------------------------------------------------------|-------------|------------------|
| 1.     | Maintaining drainage & foot paths                                                                          | 5           | 2863.8           |
| 2.     | Shade regulation from skilled labour @ Rs 1000/-day                                                        | 26          | 26000.00         |
| 3.     | Opening of rain harvesting pits, soil applications, soil raking etc.                                       | 46          | 26346.96         |
| 4.     | Mulching and de-mulching                                                                                   | 45          | 25774.2          |
| 5.     | Manuring                                                                                                   | 35          | 20046.60         |
| 6.     | Trashing                                                                                                   | 46          | 26346.96         |
| 7.     | Weeding                                                                                                    | 46          | 26346.96         |
| 8.     | Application of PP Chemicals (7 rounds spraying pesticides & 2 rounds of fungicide & bio-agent application) | 62          | 35511.12         |
| 9.     | Irrigation (For 4 months 15 days interval)                                                                 | 80          | 45820.80         |
| 10.    | Harvesting                                                                                                 | 265         | 151781.40        |
| 11.    | Post-harvest Operations (4000 Kg green) @Rs 12/Kg                                                          | -           | 48000.00         |
|        | <b>Total</b>                                                                                               | <b>656</b>  | <b>434838.80</b> |

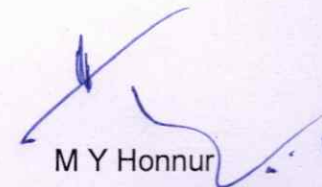
**II. MATERIALS**

| Sl. No | Inputs                                                                  | Expenses (Rs)    |
|--------|-------------------------------------------------------------------------|------------------|
| 1      | Organic manure (Cow dung + Neem cake+ Bone meal)                        | 101386.00        |
| 2      | Fertilizers 125:125:250 Kg /Ha. NPK                                     | 24900.00         |
| 3      | P P Chemicals + Bio agents                                              | 51900.00         |
|        | <b>Total</b>                                                            | <b>178186.00</b> |
|        | <b>Total cost of maintenance (434839.00 + 178186.00) = Rs. 613025/-</b> |                  |

**YIELD PROJECTIONS OF SMALL CARDAMOM**

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

  
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