

# ANNEXURE 8



सत्यमेव जयते

Gorkhaland Territorial Administration

**DIRECTORATE OF CINCHONA AND OTHER MEDICINAL PLANTS**

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Years of  
Existence**ANNUAL REPORT**

Directorate: Directorate of Cinchona and Other Medicinal Plants.

**A. Allocation and Expenditures (in Rs. Cr.)**

| Item                           | 2022-23      | 2023-24      |
|--------------------------------|--------------|--------------|
| <b>Total Budget Allocation</b> | <b>31.10</b> | <b>32.00</b> |
| <b>Capital Expenditure</b>     | <b>20.10</b> | <b>7.00</b>  |
| <b>Development Expenditure</b> | <b>11.00</b> | <b>25.00</b> |

**B. Scheme wise details:**

| Name of the Scheme  | No. of Beneficiary (2021-22)           | Expenditure (2021-22) (Rs. In Crore) | No. of Beneficiary (2022-23) | Expenditure (2022-23) (Rs. In Crore) |
|---|--|--------------------------------------|------------------------------|--------------------------------------|
| Utilization of Raw Materials from Wild Plant Resources in the Directorate of Cinchona and Other Medicinal Plants, West Bengal.  | Development of 400 Sq.mtr of Polyhouse | 0.0895884                            | -                            | -                                    |
| Repairing of Model Houses, Staff Quarters and Bungalows in the Directorate of Cinchona and Other Medicinal Plants, West Bengal. | 20 model houses and bungalows          | 0.1498                               | -                            | -                                    |
| Afforestation of Plantation area  | 10 acres                               | 0.2027204                            | -                            | -                                    |
| Expansion of Ipecac Cultivation   | 12.72 acres                            | 0.1595588                            | -                            | -                                    |
| Expansion of Kiwi in Plantation area  | 7 acres                                | 0.1016681                            | -                            | -                                    |
| Construction of Model House for Plantation Labourers  | -                                      | -                                    | -                            | -                                    |

| <b>Name of the Scheme</b>  | <b>No. of Beneficiary (2021-22)</b>              | <b>Expenditure (2021-22) (Rs. In Crore)</b> | <b>No. of Beneficiary (2022-23)</b>  | <b>Expenditure (2022-23) (Rs. In Crore)</b> |
|--|--|---|--|---|
| Development of Plantation Road   | 3 new scheme                                     | 0   | 4 new scheme   | 0.8349915                                   |
| Supply of Piped drinking water and providing sanitary condition to the plantation labourers                        | -  | -   | -  | -   |
| Cultivation of essential oil – Lemon Grass, Citronella, Patchouli and Vetiver                                      | Patchouli – 4 acres & Mobile extraction unit     | 0.1924575                                   | Citronella – 31 acres; Lemon Grass – 26.5 acres; Patchouli – 5.5 acres; Vetiver – 6.75 acres;  | 0.7454229                                   |
| Development of Cymbidium Orchid Industry in Darjeeling Hills   | 63 farmers                                       | 2.9784363                                   | -  | --  |
| Maintenance of Cinchona Cultivation  | 85 acres   | 0.2947633                                   | 80 acres   | 0.2997753                                   |
| Maintenance of Mandarin Orange   | 150 acres  | 1.2550035                                   | 150 acres  | 0.2138877                                   |
| Techno commercial feasibility study to strengthen value chain based product on Cinchona and Other Medicinal Plants | Feasibility Study                                | 0.14986                                     | vegetative propagation of cinchona strengthening laboratory facilities, forging partnership for tisting, extension activities & develop appropriate forming technologies of mantade crops of the DCOMP | 0.105                                       |
| Cultivation of large Cardamom in Farmers fields  | 100 farmers                                      | 0.0927                                      | -  | -   |
| Procurement of various items to support the techno –   | Supply of items for conducting feasibility study | 0.1720296                                   | -  | -   |

| Name of the Scheme   | No. of Beneficiary (2021-22)  | Expenditure (2021-22) (Rs. In Crore) | No. of Beneficiary (2022-23)  | Expenditure (2022-23) (Rs. In Crore) |
|--|---|--------------------------------------|---|--------------------------------------|
| commercial feasibility study                                   |   |                                      |   |                                      |
| Land Resource Inventory of Cinchona and Other Medicinal Plants | Preparation of Land Resource inventory of Directorate of Cinchona and OMP | 0.08                                 | -   | -                                    |
| Cultivation of Artemisia annua                                 | 80 acres  | 0.127411                             | 24 acres  | 0.1289148                            |
| Cultivation of Chirata   | 34 acres  | 0.2095523                            | -   | -                                    |
| Maintenance of Depreciable assets of the Directorate           | -   | -                                    | Maintenance of three Bunglows   | 0.10                                 |
| Rhododendron of Darjeeling and Sikkim Himalaya                 | -   | -                                    | Publication of Book on Rhododendron of Darjeeling and Sikkim Himalaya   | 0.030                                |
| Development of Mushroom Spawn Production Lab. At Mungpoo       | -   | -                                    | New Mushroom Spawn Production Lab. At Mungpoo   | 0.144921                             |
| Orange Festival under DCOMP                                    | -   | -                                    | Orange festival was conducted on 9/12/2023 and 10/12/2023   | 0.1329                               |
| Udyan Palan Saptah   | -   | -                                    | Distribution of saplings of Chryanthemum – 800 nos, Daliha – 800 nos, Marigold – 800 nos, Gladiolus – 500 nos, Plumeria – 400 nos, Allamanda – 400 nos, Azalea – 1700 nos, Apple – 1000 nos, Peach – 800 nos, Pear – 600 nos, Plum – 600 nos, Cymbidium | 0.14988                              |

| Name of the Scheme   | No. of Beneficiary (2021-22) | Expenditure (2021-22) (Rs. In Crore) | No. of Beneficiary (2022-23)   | Expenditure (2022-23) (Rs. In Crore) |
|--|------------------------------|--------------------------------------|--|--------------------------------------|
|  |                              |                                      | – 824 nos, Walnut – 1200 nos under the programme “Udhyan Palan Sapta”. |                                      |
| Agri Horti Fest 2022   | -                            | -                                    | Agri Horti Fest 2022 was organised by DCOMP                            | 0.0965                               |
| Repair and Renovation of Mungpoo Police Outpost and 7 room barrack at Mungpoo Police Outpost | -                            | -                                    | Repaired and Renovated the Mungpoo Police Outpost and 7 room barrack   | 0.3096655                            |
| Maintenance of Coffee Plantation   | -                            | -                                    | Maintenance of 30 acres of Coffee plantation                           | 0.058298                             |
| <b>TOTAL</b>   |                              | <b>6.2555492</b>                     |  | <b>3.350157</b>                      |

**C. Write up on Achievement of the Department during 2023-24:**

- Distribution of 6,56,000 saplings of Round Chilli (Dalley Khorsani) for its commercial cultivation to 1309 farmers of Kalimpong Districts.
- The Directorate had set up a Tissue Culture Laboratory at Mungpoo and has started operational since 01<sup>st</sup> June, 2023. Presently, this Tissue Culture Laboratory is mainly focused on production of high alkaloids yielding saplings of Cinchona plants through Tissue Culture.
- Mushroom Spawn Production Laboratory was set up at Mungpoo and production of mushroom has been initiated.
- Mobile extraction unit for extraction of essential oil was operationalized.
- Expansion of Cinchona Plantation by 47 acres, Chirata by 9 acres, Citronella by 30 acres, Lemon Grass by 49 acres.
- Maintenance of existing 6769 acres of Cinchona Plantation, 296 acres of Rubber Plantation, 193 acres of Coffee Plantation, 270 acres of Mandarin Orange, 73 acres of Kiwi 117 acres of Cardamom, 32 acres of Chirata and 68 acres of Ipecac cultivation.

- Procurement of 72 thousand root stock for production of 3 lakh grafted saplings of Darjeeling mandarin Orange has been initiated at Govt. Cinchona Plantation, Munsong.
- Development of Irrigation system in the Directorate is going on.
- Development of Medicinal Plant Garden (Rhododendron park) at Mungpoo is going on.
- Completion of following Civil works:
  - (i) Construction of motorable road from Bhalumarg to Jalsa Bunglow with stone edging along with hard rock soiling.
  - (ii) Construction of road from PWD main road to Research Laboratory, Mungpoo.
  - (iii) Water supply from Siri Godown Water Source to Simlay Dhura, Mungpoo Division.
  - (iv) Water supply from nearby source to 40 (Chalish) Dhura, Mungpoo Division.
  - (v) Water supply from Siri Godown to Rajman Dhura.
  - (vi) Water supply from Manager Bunglow to Kimbu Dhura.
  - (vii) Construction of Road by soiling and edging of existing rough road leading to Poly House at Rubber Block, Rangpo Division.
  - (viii) Construction of Road from 3<sup>rd</sup> Mile Road to Mungpoo Police Outpost.
  - (ix) Development of Plantation road from Gram Sewak Primary School to Pakhrin Tole.

**New Scheme and initiative undergoing in Directorate:**

- Development of Hi-Tech Nurseries for disease free planting material production of Large Cardamom and Ginger in the Directorate of Cinchona and Other Medicinal Plants under MIDH
- Development of Mechanization in the Directorate of Cinchona and Other Medicinal Plants under RKVY
- Infrastructure Development for Cinchona Plantation (Bark Drying, Packaging and Storage) in the DCOMP under RIDF
- Procurement of Tissue Cultured Cinchona Plantlets for Plantation Development
- Strengthening the Value Chain Based on Cinchona and Other Medicinal Plants

**Upcoming projects:**

- Project Mission Suntala for rejuvenation of Darjeeling Mandarin Orange.
- Cultivation of Tropical orchids under Directorate of Cinchona and Other Medicinal Plants.
- Cultivation of Exotic Vegetables in the farmers fields.
- Development of a suitable equipment for Debarking Cinchona Tree branches in hilly terrains

**D. Draft plan for 2022-23 along with budgetary allocation required:**

- Diversification of Activities of the Directorate through value addition activities and farmers development programme through cultivation of high value medicinal and aromatic plants, other horticultural crops, non-traditional fruits, exotic vegetables,

cymbidium/tropical orchids, other flowers, rejuvenation of Mandarin Orange etc. in the farmers land and within Directorate for socio-economic upliftment and development of infrastructure for Mushroom, rubber processing, essential oil extraction, post-harvest management etc.:

**22,00,00,000/-**

- Expansion of Ipecac Cultivation: : Rs. 50,00,000/-
- Cultivation of Dioscorea: : Rs. 12,00,000/-
- Construction of Model House for Plantation Labourers: : Rs. 7,00,00,000/-
- Supply of Piped Drinking Water: : Rs. 5,00,00,000/-
- Development of Plantation Road: : Rs. 5,00,00,000/-
- Utilisation of Raw Materials from Wild Plant Resources: : Rs.30,00,000/-
- Construction of Houses for Office Staff: : Rs.1,00,00,000/-
- Afforestation of Plantation Area: : Rs. 30,00,000/-