

## Title of the Project:- Development of quality planting material of medicinal plants. RCFC-CR.

### Why this Project:-

This institute is engaged in medicinal plant conservation since last few decades. Preparation of quality planting material of medicinal plants is one of the mandates of RCFC project. This year under this mandate 50, 000 plants will be prepared in SFRI nursery.

**Research Methodology :-** This is not a research project but following works will be carried out under the project. Two types of activities will be carried out. Viz.

- A. Preparation of QPM of the selected medicinal plant species.** Species are selected with the discussion with regional Director and Co-ordinator of RCFC-CR. 19 species selected for multiplication. QPM for all the mentioned species will be prepared through seeds, stem. Cuttings or root cuttings.
- B. Maintenance of the existing earlier indisposed stock of medicinal plant species.** Planting materials which were not disposed during last season will also maintained under this project.

### Objectives of Research:-

1. Preparation of QPM of the selected medicinal plant species.
2. Maintenance of the existing earlier indisposed stock of medicinal plant species.
3. Selling of plants in nominal rates or free distribution to cultivators and other individual households/ institutions for establishment of home/institutional herbal gardens and extension purpose.

### Activities Undertaken:-

- Procurement of material
- Filling of poly-bags
- Plant preparation through seeds and cuttings

**Cost of the project:** Rs. 5.00 Lakhs

### Outcome of the project:-

- 51 542 plants of 48 species were prepared
- List of plants prepared and verified by RCFC on October 2022. Task completed.



Insulin  
(*Costus igneus*)



Satawar  
(*Asparagus racemosus*)



Sarp Gandha  
(*Rauwolfia serpentina*)



Aonla  
(*Phyllanthus emblica*)



Bach  
(*Acorus calamus*)



Ledipeepar  
(*Piper longum*)