

## ONGOING RESEARCH PROJECTS AND THEIR OBJECTIVES

### **(A) All India Coordinated Research Project on Medicinal & Aromatic Plants and Betel vine - Financed by ICAR (B. H. No. 2043)**

Introduction of medicinal and aromatic plants and improvement aspects of the identified species with agro-technology development by co-ordinate efforts of various disciplines *viz.*, Genetics & Pl. Breeding, Agronomy.

#### **Objectives:**

Medicinal and aromatic plants

1. Which are related to actual needs of rural populations, which have relevance to health care
2. Whose development will have long term impact on genuine quality raw material for traditional systems of medicine
3. Whose raw material in crude form has proven therapeutic value
4. Whose availability (from wild) is fast dwindling.

### **(B) Strengthening of Research in Medicinal and Aromatic Plants- Financed by Government of Gujarat (B.H. No. 12016-01)**

1. To introduce and develop agro-technology of those medicinal and aromatic plants which have potential for commercial cultivation in Gujarat.
2. To conduct basic research in those aspect of the crops which are relevant and concurrently to carry out applied research for overall improvement of the crops.
3. Expansion and maintenance of medicinal plants garden and nursery.
4. Production, multiplication and distribution of taxonomically true, genetically pure and quality planting material for large scale cultivations.

### **(C) Strengthening of Centre of Excellence on Medicinal and Aromatic Plants by Government of Gujarat (B. H. No. 12966)**

1. Germplasm collection through personal visit or otherwise and then multiplication.
2. Evaluation of collected germplasm.
3. Standardization of analytical procedures available for biochemical parameters as may be suitable/ possible.
4. To assess agronomical requirements (fertilizer, seed, irrigation etc.) of a crop.
5. Exploring medicinal and aromatic plants as botanical pesticides.
6. *In Vitro* multiplication of planting material for vegetative propagated species.

7. To create facilities to impart quality education and training to under graduate and post graduate students, including exchange programme with foreign universities and institutions.

**(D) Training Programme on Medicinal and Aromatic Plants - Financed by Government of Gujarat (B.H. No. 12988-05)**

To conduct the training programmes on cultivation and other related aspects of medicinal and aromatic crops for needy farmers of Gujarat state.

**(E) Centrally Sponsored Scheme – Mission on Integration Development of Horticulture (B. H. No. 18246-98)**

To increase the production and productivity through adoption of improved technologies and ensuring quality seeds/planting materials of regionally important Medicinal, Aromatic and Spices crops. Moreover, the scheme is also focus on modernization of nurseries, technology dissemination through frontline demonstration, farmers training programme at various level as well as skill development programmes.