

**PROCEEDINGS OF IN HOUSE RESEARCH SEMINAR ON
“CULTIVATION PACKAGES OF IMPORTANT MEDICINAL PLANTS”
ON 16.08.2018
INSTITUTE OF FOREST PRODUCTIVITY, RANCHI**

An in-House seminar was held at Institute of Forest Productivity (IFP), Ranchi on 16.08.2018. In the introductory remarks, Dr. Sanjay Singh Scientist-F and Head Extension Division highlighted the research need of cultivation practices of important medicinal plants and screening of some promising cultivars for commercial cultivation. In the opening remark Dr. Yogeshwar Mishra, Scientist-F, emphasized the need of varietal development of medicinal plants of this region programme and informed the house about the development of two varieties of *Rauvolfia serpentina* which have registered as TFRI-RS 1 and TFRI-RS 2 varieties. All heads, scientists, technical officers and research staff including JPF and field assistant attended the in house seminar.

Sri Sanjeev Bhatia, Scientist D, Silviculture Division, made a detailed powerpoint presentation on the topic of “Cultivation packages of important medicinal plants.” During the talk Shri Bhatia described about the domestication of the medicinal plants available in the eastern India, their conservation being practiced and development of suitable low cost agro techniques for their propagation. Based on the presentation made and discussion held, following focused research areas; future strategies and networking were discussed.

Identification of Research Needs:

- Screening of varieties of a particular medicinal plants agroclimatic zone wise
- Standardization of cultivation packages with special reference to cost-benefit ratio and active principle
- conservation of endangered medicinal plants
- Marketing pool

Formulation of Future Strategies/Road Map:

- Germplasm of important medicinal plants should be assembled as gene bank and multi locational trial of released varieties has to be established so that their region specific suitability can be assessed for domestication and popularization.
- Cost benefit ratio has to be estimated during the course of standardizing cultivation package.
- Awareness programme should be conducted to make the people aware about improved varieties and cultivation packages through extension activities.

- Biodiversity survey has to be carried out to know the present status of medicinal plants and appropriate conservation has to be made.
- For marketing of raw and finished medicinal plants, market channel has to be strengthened through buyer-seller meet and other extension activities.

Networking Research Option and Opportunities:

- Inter-institutional project can be formulated in the light of above research need for development of protocols for production of different species at nursery stage and post plantation care.
- The multi-disciplinary and integrated approach of medicinal plants research can be developed to achieve a more effective interface between NTFP and other crops.



Talk on the topic by the presenter and discussion during presentation