

AICRP ON MEDICINAL AND AROMATIC PLANTS

Achievements:

- More than 50 MAPs have been introduced and IC numbers for 10 species belonging to threatened categories have been received from NBPGR.
- Large scale production in *Saussurea lappa* has been started. It has been standardized that seeds of *Swertia ciliata* provides maximum germination per cent at 25°C. However, seeds of *Podophyllum hexandrum* provides maximum germination per cent at 20°C. The study also revealed that application of GA at 50 ppm enhances percentage germination in *Podophyllum hexandrum*.
- *Valeriana jatamansi* VJ 2 strain is having maximum essential oil content as well as underground dry weight.
- 12 Accession of *Picrorhiza kurrooa* have been evaluated and varietal release proposal at state level is under progress.
- Agro-technology development is under progress in few high value MAPs. Almost 14,000 planting material of MAPs has been distributed free of cost to farmers.



Seedlings transplanted for seed production of *Podophyllum hexandrum*



A general view of experimental plots of *Picrorhiza kurrooa*