

Project title: Selection of superior quality of germplasm of *Oroxylum indicum* an endangered species

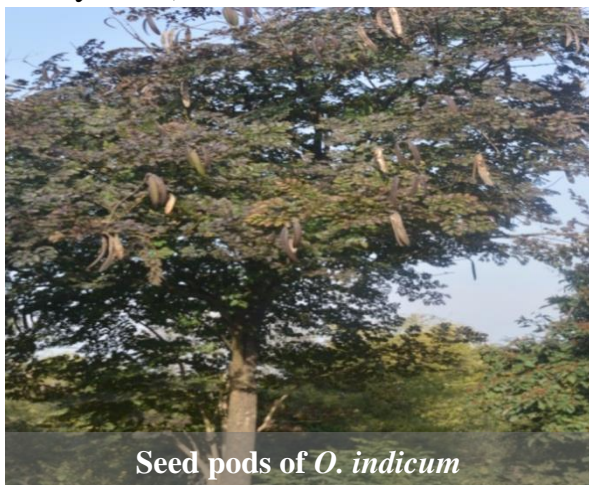
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Duration: 2016 to 2018

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Survey & Selection of Superior Quality Germplasm of *Oroxylum indicum*

Survey, mapping, identification and quantification of *Oroxylum indicum* was done in different forest divisions of 4 Indian states (Uttarakhand, Uttar Pradesh, Punjab and Haryana). A total of 21 germplasms (8 from Uttarakhand, 6 from Uttar Pradesh, 4 from Haryana and 3 from Punjab) were screened out on the basis of active constituents (Chrysin, Bacailin, Oroxylin-A) and recommended for further conservation.



Seed pods of *O. indicum*



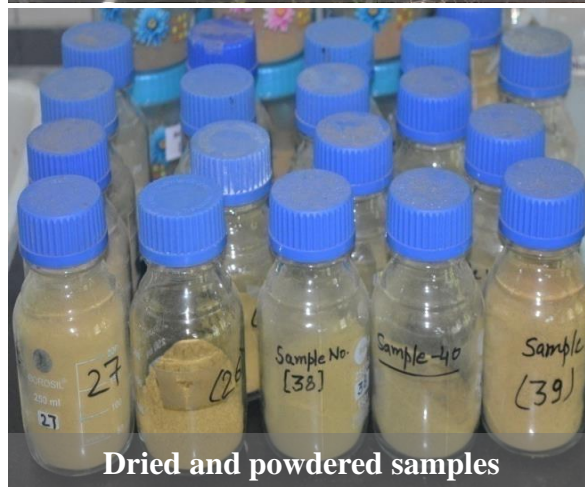
Collection of raw samples



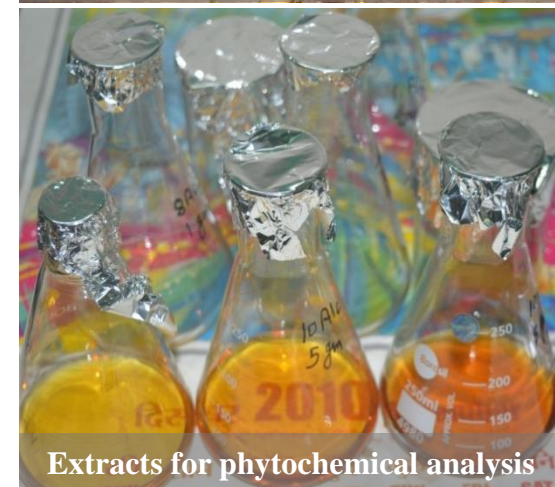
Collected roots



Preparation of root bark



Dried and powdered samples



Extracts for phytochemical analysis