

International provenance research 1975-95 of *Gmelina Arborea*, Linn., Roxb. Presentation of results

Danida Forest Seed Centre 2002

Introduction

This homepage is meant to be of help for selection of provenance(s) to use when making plantations of *Gmelina arborea*. The page includes:

1. An article: "Provenance research in *Gmelina arborea* Linn., Roxb. - A summary of results from three decades of research and a discussion of how to use them". By E. B. Lauridsen and E.D. Kjaer, Danida Forest Seed Centre, 2002. Published in *International Forestry Review* 4(1), 2002.
2. The characteristics evaluated in the provenance research and the system for their assessment.
3. Copies of spreadsheet files (in pdf-format) with details of results for the major characteristics evaluated in the provenance research first time 1982-84 and second time 1991-93.
4. Summary data for provenances included in the provenance research.
5. Location map of provenances.
6. Summary data for trials evaluated (1983 and 1995).

How to select provenance(s)

1. In the summary article mentioned above, tentatively select one or more provenance regions based on the general recommendations according to good performance for one or more characteristics, which you consider to be important for your purpose.
 2. Next, in table 1 in the same article have a closer look on the performance of provenances within the selected regions. Select tentatively one or more promising provenances. Do; however also check other regions for any good provenance(s).
 3. Finally, in the – tables and graphs - presented in the spreadsheets as above examine the performance of the selected provenances in all the trials where they are represented - for the wanted characteristics -. Based on this examination make the final choice. Select preferably provenances, which have been tested in more than one trial and whose performance is not too erratic.
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