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PLANT GENETIC RESOURCES

CHARACTERIZATION
AND UTILIZATION



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Plant Genetic Resources: Characterization and Utilization

Aims and Scope

Published on behalf of the National Institute for Agricultural Botany, this international peer-reviewed journal provides a forum for describing the application of novel genomic technologies, as well as their integration with established techniques, towards the understanding of the genetic variation captured in both *in situ* and *ex situ* collections of crop and non-crop plants.

The journal also provides an airing for the wider issues relevant to plant germplasm conservation and utilization, including those dealing with policy and its wider implications, and studies involving interpretation and synthesis of data. Multi-disciplinary approaches that incorporate both a technical and a socio-economic focus are welcome, as are papers which take a wider cross-cutting view of the subject.

Technical aspects cover developments in technologies of potential or demonstrated relevance to the analysis of variation and diversity at the phenotypic and genotypic levels; the development of rational germplasm collection, evaluation and conservation strategies; and the impact of crop genetic modification and biotechnology on plant genetic resources. Non-technical aspects will include ethical, legal, commercial and social issues of relevance, in particular relating to farmers' rights, intellectual property and ethnobotany.

Plant Genetic Resources: Characterization and Utilization publishes four types of paper:

- Full research paper - A full account of a complete project with experimental details.
- Short communication - A preliminary account of early findings in ongoing work.
- Research notes - Short accounts of small projects that might not merit a full paper but that nonetheless would be of interest to the community.
- Reviews - Literature overviews of recent research in a large subtopic or comparative reviews of related work in different species. Book reviews are also welcomed.

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