



Crop improvement

Course: Pre-breeding for effective use of plant genetic resources



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This course covers a range of theoretical and practical topics from the basic concepts and applications of prebreeding to germplasm distribution and regulatory issues. The purpose of this course is to improve the effective use in breeding of germplasm resources, building a bridge between genebank managers and plant breeders.



Up to 16 hours of learning, depending on learning needs



Available in English

You will learn about

- Basic concepts and application of pre-breeding in the context of crop improvement
- Genebank management and collection of plant genetic resources for facilitating access
- Planning, implementing and monitoring a pre-breeding project
- Basic principles of crop improvement and relevant practices and strategies
- Relevant legal and regulatory regimes that affect establishment and success of a pre-breeding programme

Who is the course for?

The course is, primarily, for germplasm curators and plant breeders and their support and collaborating personnel, university lecturers and students engaged in germplasm management and/or crop improvement. It is also recommended for extension agents, seeds specialists, field technicians and relevant research administrators and managers.

Key partners

This course was jointly developed by Bioversity International, Global Partnership Initiative for Plant Breeding Capacity Building (GIPB) and FAO.

Contributing organizations:

- Alberta Innovates - Bio Solutions
- International Center for Tropical Agriculture (CIAT)
- International Potato Center
- Global Crop Diversity Trust
- Institute of Biological, Environmental and Rural Sciences, Aberystwyth University
- International Centre for Plant Breeding Education and Research, The University of Western Australia
- Center for Agricultural Biotechnology, Kasetsart University
- Agricultural Research Service, USDA
- Centre for Genetic Resources, Wageningen University
- Bioversity International

FAO learning Center



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How to access the course

1. Go to the e-learning center: www.fao.org/elearning, and select the category "Crop improvement"
2. Register and log-in with your user name and password.



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 Registration is fast and easy.