

BMS Workbench

Quick View

A Breeding Management System
core functionality

The Workbench is designed to suit your day-to-day breeding operations, ensure coherent presentation of data from both local and centrally shared sources, and clearly differentiate folders and the items within them. It is the user interface from where you can launch all breeding tools and access associated crop databases. From the workbench's homepage, you will get an overview of your projects and their contents, with direct access to specific items in a specific project. The homepage is also where you can create new projects, and browse and open previously started projects. It will let you administer projects and their components, members, breeding locations and methods, and the templates used in breeding processes. The Workbench runs in a web browser, but a connection to the Internet is not required.

Once you open a programme, a dropdown menu navigator is available at all times to switch across all BMS tools.

Bird's eye view of all programmes: click and view relevant information directly.

The screenshot shows the BMS Workbench interface. At the top, there's a header with the logo and navigation links. The main area is divided into sections: a 'DASHBOARD' with a 'PROGRAMS' list, a 'PROGRAM SUMMARY ALL [4]' table, and a 'Nurseries & Trials' section with a tree view. The 'PROGRAMS' list includes entries like 'Maize Tutorial', 'Bean TL1', 'Wheat Genebank', 'Rice SEASBN', 'Maize IMAS', 'Test 55', and 'MD94'. The 'PROGRAM SUMMARY' table has columns for NAME, TITLE, OBJECTIVE, START DATE, END DATE, PRINCIPAL INVESTIGATOR, SITE NAME, and STUDY TYPE. The 'Nurseries & Trials' section shows a tree view of projects like 'Program Studies', 'UCR2011 Trials', and 'Public Studies'.

Create, drag and drop, and rename projects and folders.

Display summary of nurseries and trials within a program.

Navigation trees designed to provide access to germplasm lists, nurseries and trials in a flexible way.

Description	Development phase	What's new	Related support tools
User interface to launch all breeding tools and access associated crop databases.	Stable version	<ul style="list-style-type: none"> Streamlined user interface Greater configurability Menu navigation Improved templates for breeding processes 	www.integratedbreeding.net/159/training/access-bms-tools ibp@cgiar.org

“ Like a good carpenter, a breeder needs a full and adequate toolbox! The BMS Workbench contains all the necessary tools a breeder needs to manage data, analyse it and make decisions about it. It integrates these tools in an intuitive way, thanks to a navigation panel that reflects core breeding activities, and to a flowing, user-friendly interface. Breeders can now easily and accessibly see their germplasm lists, nurseries, trials and other programme entries at any time. — Arllet Portugal, Data Management Leader, IBP Development Team, CGIAR Generation Challenge Programme. ”