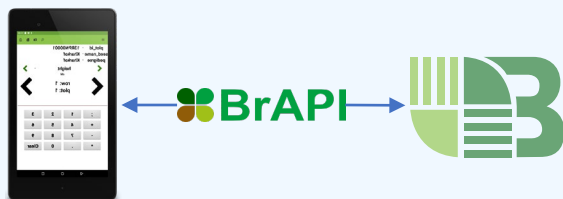


Welcome to the first BIMS newsletter! This newsletter highlights new features and key developments since our 2021 publication.

BrAPI INTEGRATION

- Direct data transfer: Field Book ↔ BIMS
- Configure fields on BIMS, sync to app
- Multi-device Field Book Sync support



ENHANCED DATA ACCESS

- Photo and text traits searchable
- Search by custom properties
- Download avg values per accession
- Improved search result pages
- Traits categorized by format in the result page
- New photo download page

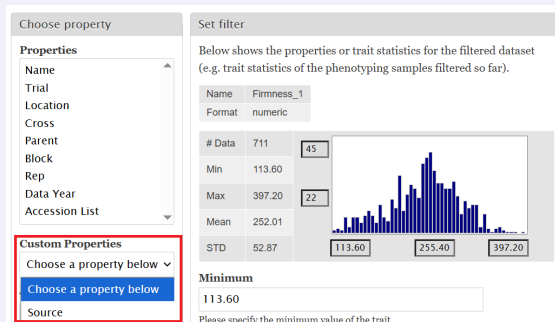
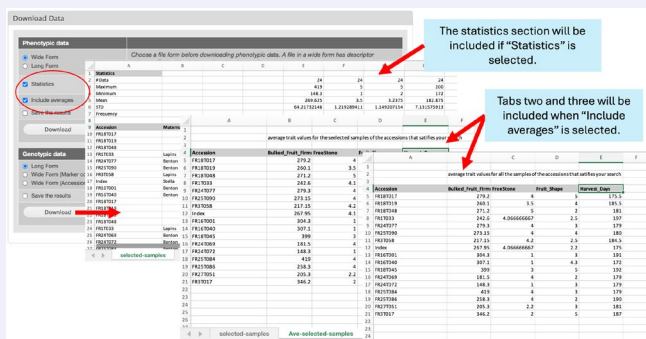
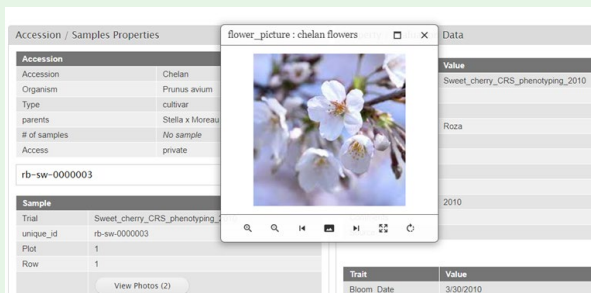


IMAGE MANAGEMENT

- Send images from Field Book to BIMS via BrAPI
- Upload image files for accessions, traits, samples
- Search, view, download all images



AVAILABLE TO ALL CROP BREEDERS AND RESEARCHERS



Any crops
breedwithbims.org



Rosaceae
rosaceae.org



Citrus
citrusgenomedb.org



Vaccinium
vaccinium.org



Pulse
pulsedb.org



Cotton
cottongen.org

NEW IN DATA MANAGEMENT

Repeated Measurements

- From Field Book via BrAPI
- Phenotype (Long Form) template

Multi-Level Field Design

- New 'block' column for complex field designs

Unified Templates

- Merged accession & progeny templates for streamlined data entry

FOR COLLABORATION

Four Permission Levels:

- Full access
- Upload only (template & Field Book)
- Field Book upload only
- Read only

Data Sharing and Publishing:

- Publish research data via custom URLs
- Import public data from community databases

DOCUMENTATION AND TRAINING

New User Guide on ReadTheDocs

- Updated, comprehensive manual
- Easy to navigate and search

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 - How to collect data with the Field Book App
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Managing Members and their Permissions

Next topic

Figure. Collecting data with the Field Book App.

How to transfer data from Field Book to BIMS

Via BrAPI

To transfer observation data to BIMS, select the field and click Export. A dialogue box appears with options for the destination. Select Local to store data on the current device. Or select the website shown to send data to BIMS via BrAPI (the web link will be different for different crop databases linked to BIMS, E.g., www.rosaceae.org is for the Genomic Database for Rosaceae).

Note: You can send data directly to BIMS ONLY if BrAPI was initially used to send the empty field file from BIMS to Field Book.

Tutorial Videos Available

- 9 short training videos
- Recorded Webinars on BIMS and Field Book

How to use BIMS

by MainLab Bioinformatics

Playlist • 9 videos • 114 views

Watch this collection of step-by-step videos to learn how to create and manage your breeding program with ...more

▶ Play all

How to create a BIMS account

MainLab Bioinformatics • 120 views • 10 months ago

How to create a breeding program in BIMS

MainLab Bioinformatics • 62 views • 10 months ago

How to add team members to your BIMS program

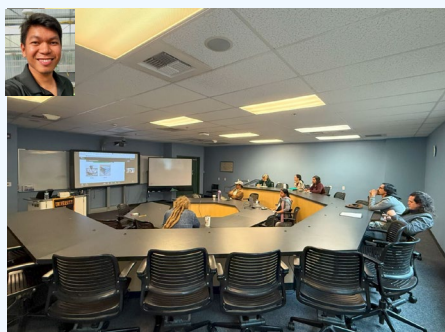
MainLab Bioinformatics • 29 views • 10 months ago

How to input trait descriptions in BIMS

MainLab Bioinformatics • 41 views • 7 months ago

Request for In-Person Training!

- We provide in-person training for breeding programs across the U.S.!
- Dr. Ron Tapia from our outreach team conducted a webinar and in-person workshop for the citrus breeding program at UC Riverside!



Subscribe to our
mailing list!

ACKNOWLEDGEMENTS



US Land Grant Universities