Using Field Book App with T3

Used on Android phones and tablets

Google Play https://play.google.com/store/apps/details?id=com.fieldbook.tracker

GitHub https://github.com/PhenoApps/Field-Book

Version 6.1 of Field Book App released Mar 17, 2025

Field Book Manual
https://fieldbook.phenoapps.org/

Video Tutorial
Breedbase: Interfacing with the Field Book App
https://youtu.be/s0b_kzutQTc

Breedbase manual for Field Book App
https://solgenomics.github.io/sgn/using-fieldbook-app.html

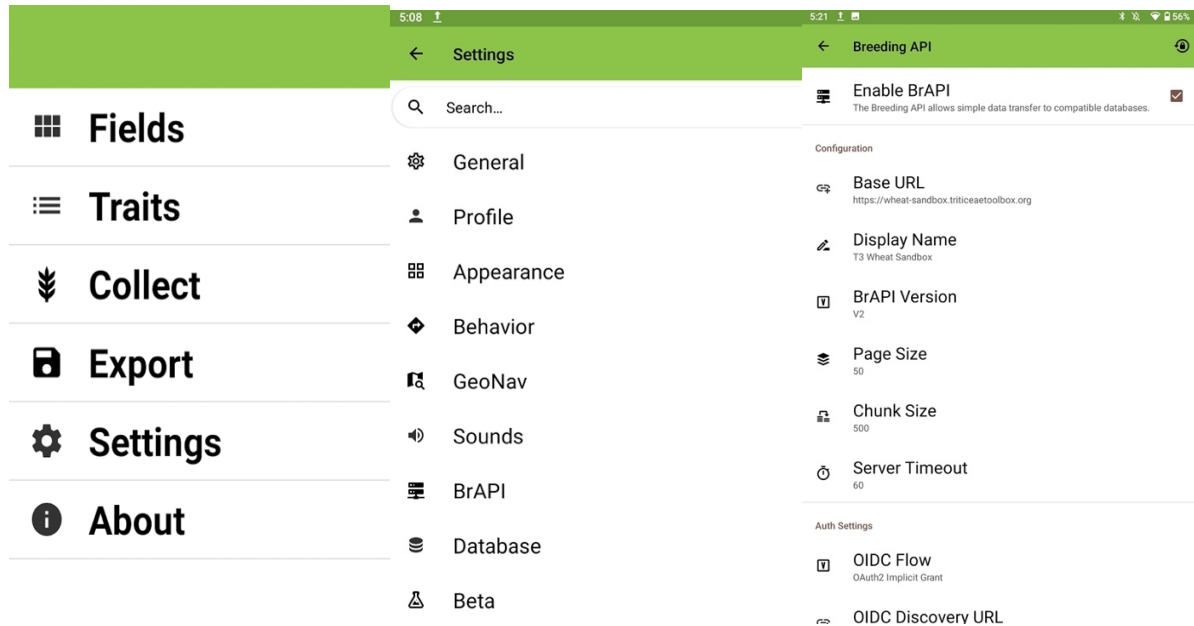Using files to transfer trials and traits between the Field Book App and computer
1. design the trial on the computer
2. connect the Android device to the computer using USB cable
3. move the files from computer to the correct folders on the Android device
4. import trial and traits into the Field Book App
5. collect data
6. export trial data
7. move the files from Android device to the computer using USB cable

Using the BrAPI feature on T3
1. design the trial on the computer
2. submit the trial to production machine so the trial won't be erased
3. import trial and traits into the Field Book App using BrAPI
4. collect data
5. export trial data to the computer

Setting up Android device to use BrAPI
1. On Field Book App go to Settings => BrAPI

2. Select Settings, BrAPI
   a. select "Enable BrAPI"
   b. Configuration: set BrAPI Version = V2
   c. Page Size: 50
   d. BrAPI Base URL:
      https://wheat-sandbox.triticeaetoolbox.org/
      https://barley-sandbox.triticeaetoolbox.org/
      https://oat-sandbox.triticeaetoolbox.org/
      https://wheatcap.triticeaetoolbox.org/

d. Auth Settings:
    set OIDC Flow = OAuth2 Implicit Grant
    set OIDC Discovery URL to the same as Base URL
    before v5.3 the OIDC Discover should be set manually using the following QR
    https://wheat-sandbox.triticeaetoolbox.org/.well-known/openid-configuration

https://barley-sandbox.triticeaetoolbox.org/.well-known/openid-configuration

https://oat-sandbox.triticeaetoolbox.org/.well-known/openid-configuration

https://wheatcap.triticeaetoolbox.org/.well-known/openid-configuration

3. Authorize - if you didn't authorize in the previous step
Select "Authorize"
login to the server, select "Authorize Access"

Note: If you see "Your connection is not private", you should select the "Advanced" button then select "Proceed to fieldbook.phenoapps.org (unsafe). You should see that the "Authorize Access" section has changed to "Reauthorize: BrAPI is currently authorized with ..."