

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 4.5 of Field Book App released 2020-10-01

Added community BrAPI servers

General Tutorial

Breedbase: Interfacing with the Field Book App

https://youtu.be/s0b_kzutQTc

Breedbase manual for Field Book App

https://solgenomics.github.io/sgn/03_managing_breeding_data/03_09.html

Using files to transfer trials and traits between the Field Book App and computer

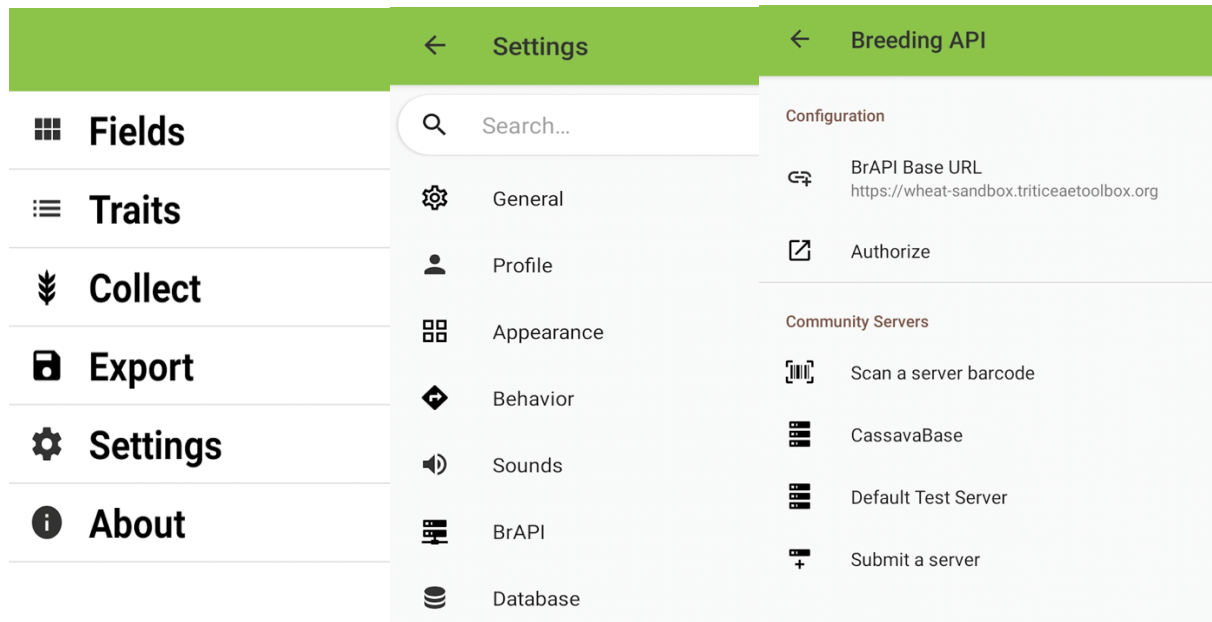
1. design the trial on the computer
2. connect the Android device to the computer using USB cable
3. move the files from computer to the correct folders on the Android device
4. import trial and traits into the Field Book App
5. collect data
6. export trial data
7. move the files from Android device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

Using the BrAPI feature on T3 the steps are

1. design the trial on the Sandbox computer
2. submit the trial to production machine so it 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

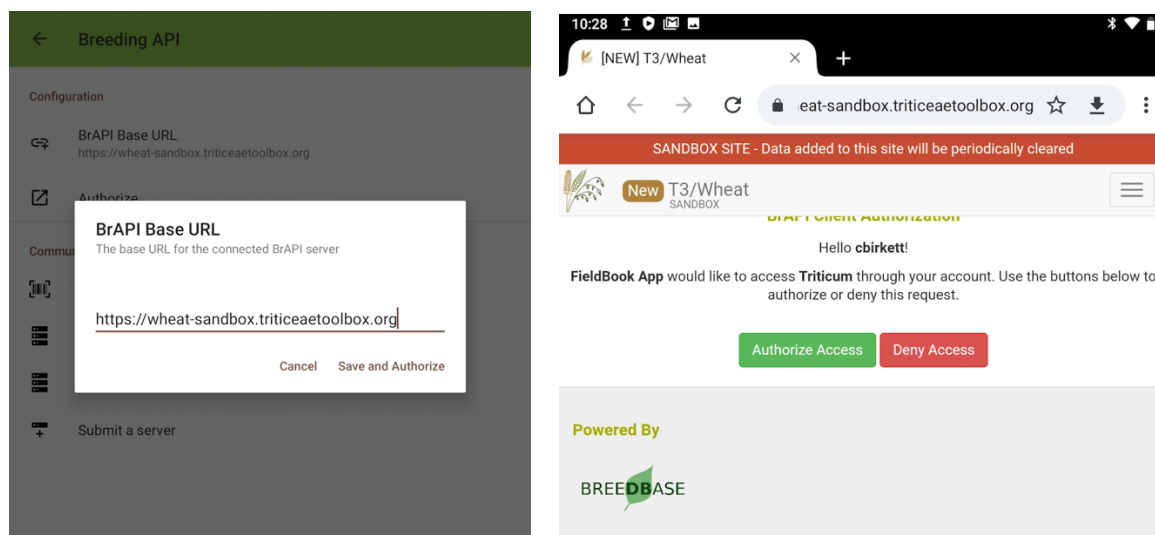
1. On Field Book App go to Settings => BrAPI



2. Enter BrAPI Base URL

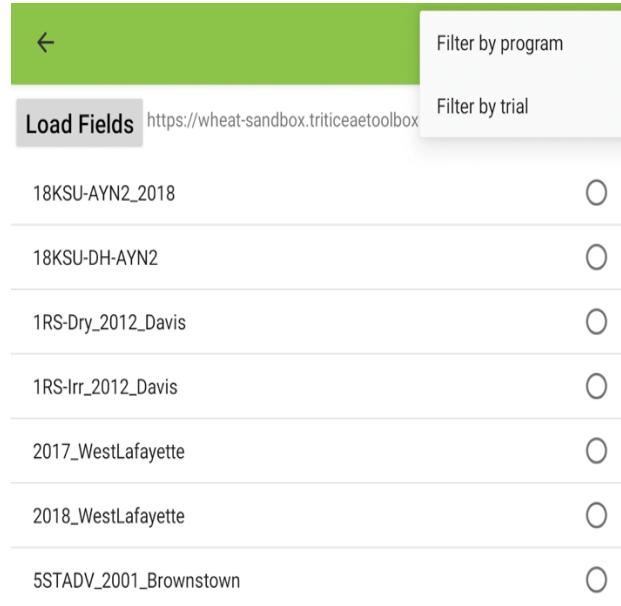
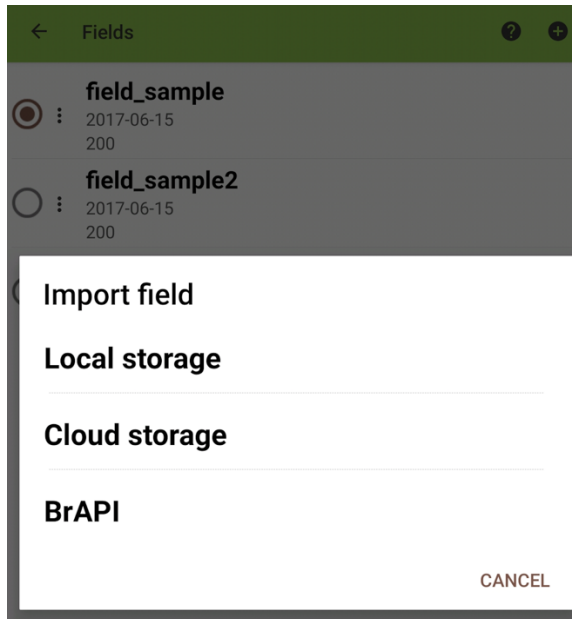
<https://wheat-sandbox.triticeaetoolbox.org/>
<https://barley-sandbox.triticeaetoolbox.org/>
<https://oat-sandbox.triticeaetoolbox.org/>

3. Authorize



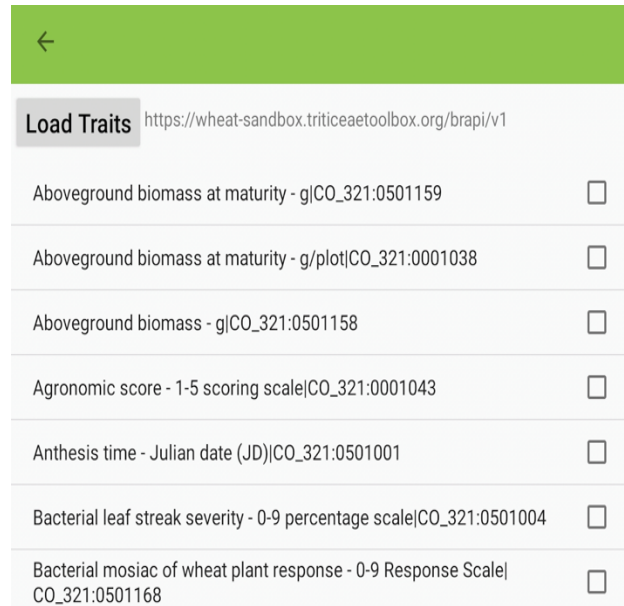
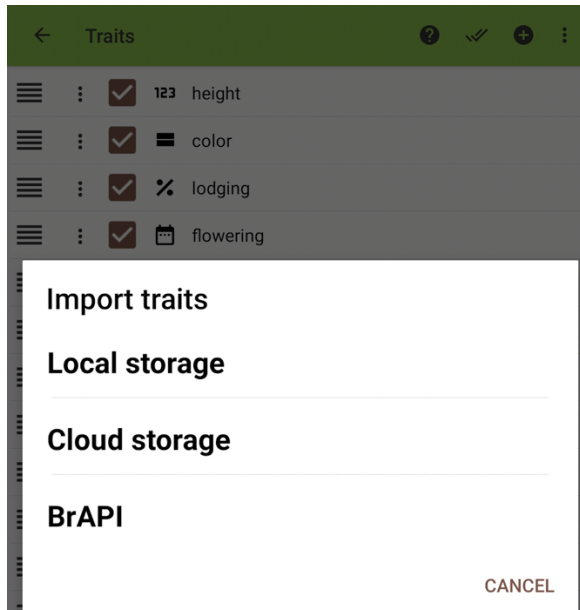
4. Import Field from using BrAPI

- 1) go to Fields
- 2) select "+" icon in upper right corner
- 3) select "BrAPI"
- 4) select trials from database server



5. Import Traits using BrAPI

- 1) go to Traits
- 2) select "+" icon in upper right corner
- 3) select three vertical dots in upper right corner (more options)
- 4) select "Import/Export", then select "Import", then select "BrAPI"



Exporting using BrAPI not working in V4.5

