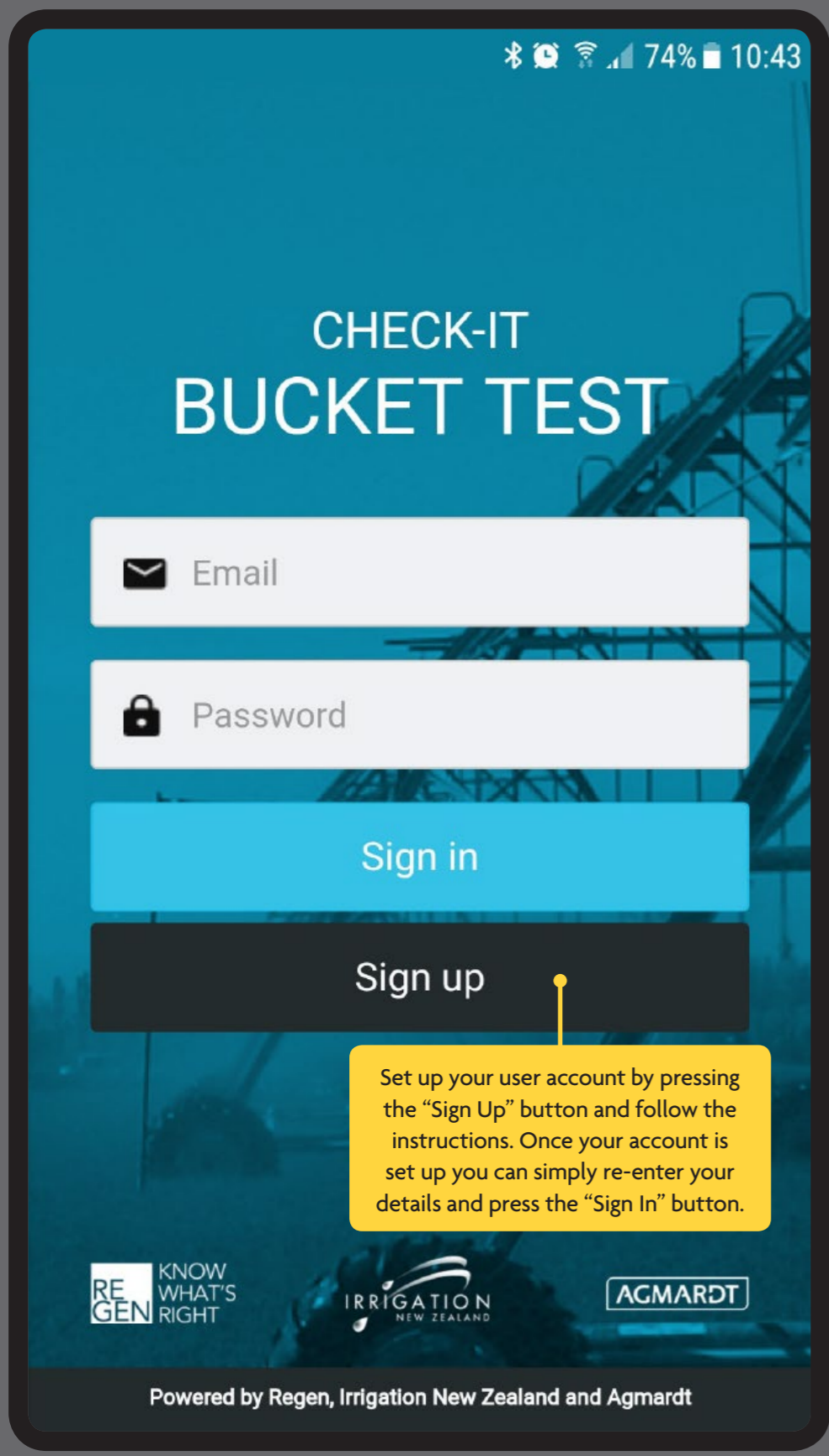


CHECK-IT BUCKET TEST APP HOW TO GUIDE

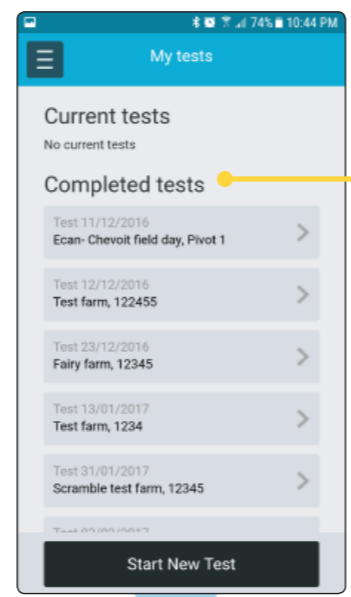


Before you purchase buckets or go in to the field...
FOLLOW THESE STEPS FIRST!



Set up your user account by pressing the "Sign Up" button and follow the instructions. Once your account is set up you can simply re-enter your details and press the "Sign In" button.

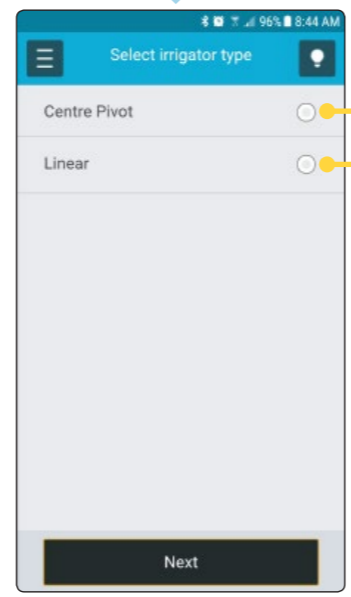
Note: the email address you use for your account will be the email that the app sends your test reports to.



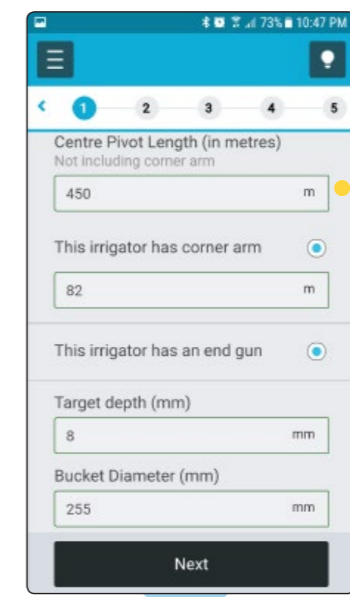
MY TESTS SCREEN
Once signed in, the app opens to your test page screen. Here, you will be able to see all your completed tests and any tests yet to be completed. The user can exit the app and that test will appear in the 'Current Test' list.
To begin a new test, press the 'Start New Test' button.



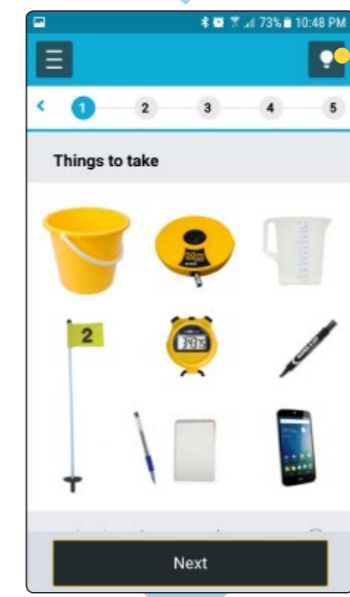
START NEW TEST
Enter the farm name and an identifying name for the irrigator that is to be tested. Press the 'Next' button to continue.



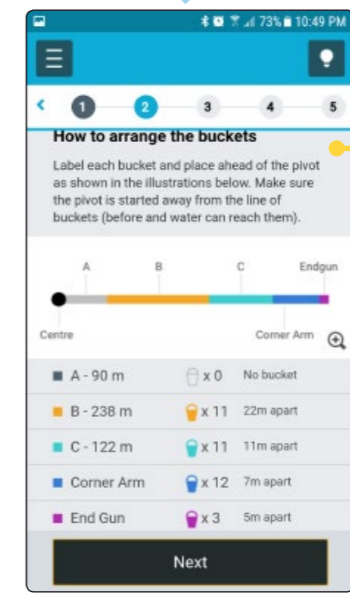
STEP 1
Select the irrigation system type – Centre Pivot or Linear.
More system types will appear in future updates of the app.



STEP 2
Enter the irrigator details. This information must be gathered before starting the test. Target depth should be set for 75% minimum application depth. For example, if my irrigator is 5mm minimum, set the dial to 6.25mm. This will ensure that there is sufficient water collected.



STEP 3
The app contains a series of scrolling information screens that will prompt you on things you should take, things you should avoid, and how to carry out specific parts of the test.
More information can be views by pressing the light bulb icon in the top right corner.

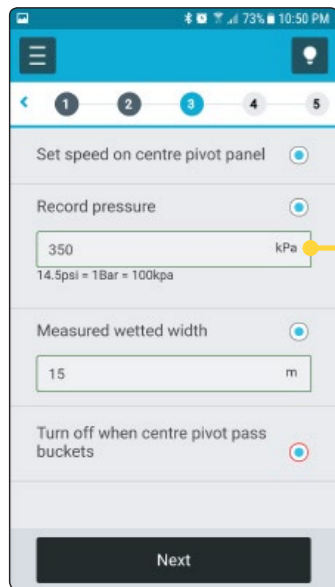


STEP 4
The app calculates the amount of buckets required and the spacings of the bucket based on the information entered. Different length irrigators will require different number of buckets.
A quick way to layout your buckets is to place your first bucket at the furthest end of the last standard span. This maybe at the end of an overhang or inside the wheel track before a corner arm. You can then step out your buckets in either direction.

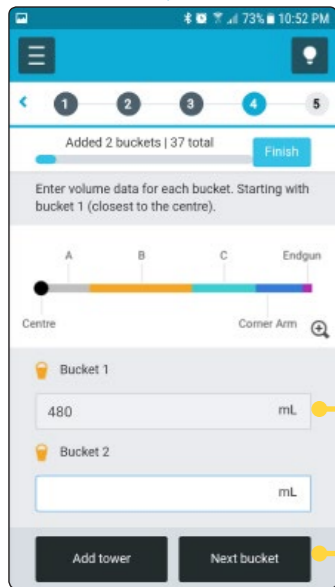
Powered by Regen, Irrigation New Zealand and Agmardt



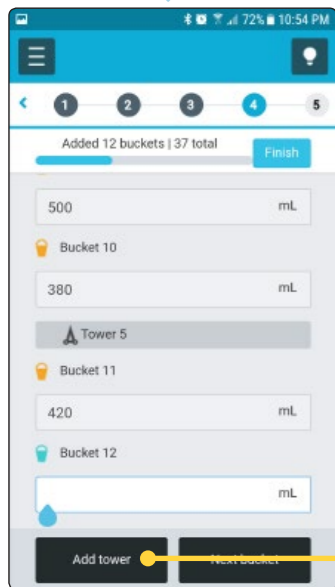
Complete these steps when you are in the field



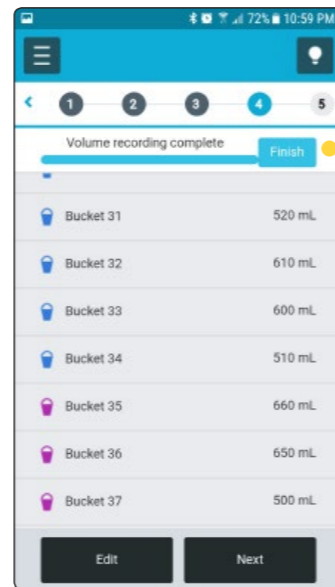
STEP 5
Once the machine has been started, record the stable operating pressure at the centre point. Then walk back out along the machine to measure the wetted width and the speed at the last standard tower. This must be done whilst the irrigator is passing over the buckets.



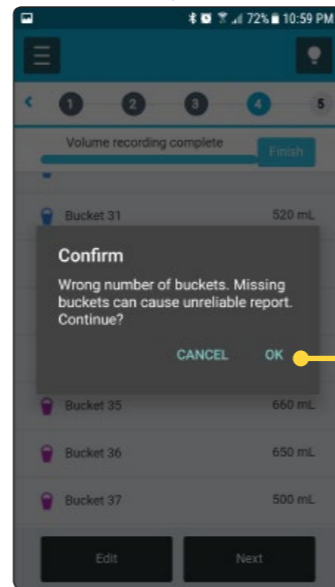
STEP 6
Once the machine has passed over all the buckets you can switch off the machine and start measuring and recording the volumes. This must be done from the centre point out. Add buckets by pressing the 'Next Bucket' button.



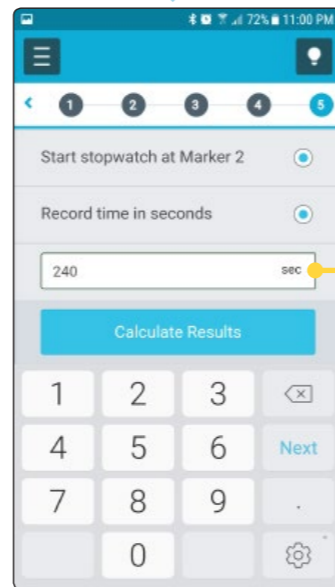
STEP 7
The 'Add Tower' button allows the user to spatially identify the location of buckets after the test has been completed and as a reference on the final report.



STEP 8
Once all the bucket volumes have been entered, pressing the 'Next' button allows you to review and edit the data you have entered. Once you are satisfied with the entered data press the 'Finish' button in the top right.



STEP 9
When you press the 'Finish' button you will be asked to confirm you wish to proceed. Once 'OK' has been pressed, you can no longer edit your bucket data.



STEP 10
Enter the irrigator speed in seconds and press 'Calculate Results'.



Results

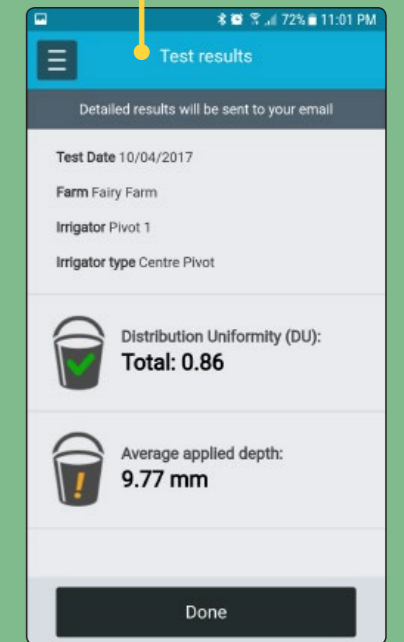
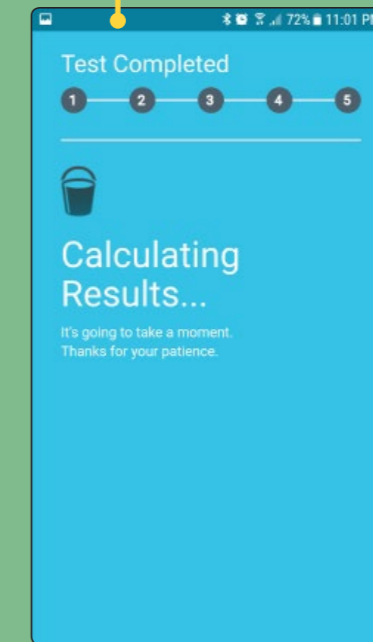


To calculate the result the device must be connected to the internet, either a mobile network or a wireless network.

The in-app results lets you know instantly your two key performance measures:

- Distribution Uniformity
- Measured Application Depth

A detailed report is sent to your email address.



The app generates a printable PDF report that can be used to assist you and your service provider in identifying performance issues. The report can also be used in your Farm Environment Plan reporting.

