

## CCW Grapevine Irrigation App User Guide

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### What does the grapevine irrigation App do?

The app is a predictive irrigation scheduling tool. Using a predictive weather forecast provided by the Australian Bureau of Metrology (BOM) the app calculates a 7-day forecast of the predicted hours of drip or sprinkler irrigation required for wine grapes grown in the Riverland.

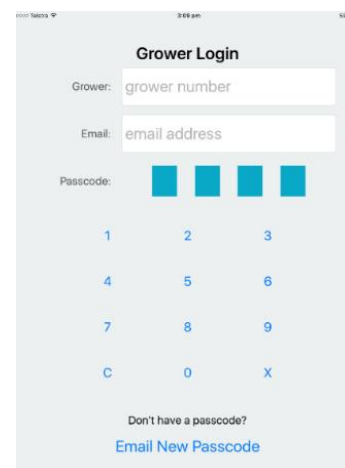
### Specifications required to operate the App

The app has been designed to operate on smartphone or tablet devices. The minimum specifications for the App to operate on a smartphone or tablet are iOS 8.0 and iPhone 5 for Apple devices and at least version 4.0.3 for Android devices. The App will not operate on laptop or desktop computers.



### Downloading the APP

The CCW website provides a link to the download sites for either Apple or Android devices, or it can be accessed through this link: <http://app.ccwcoop.com.au/>. Once the app has been downloaded and installed, it is necessary to request a passcode. To do this, type your grower number and email address then press on the “Email new Passcode” button. The passcode will then be sent to your email address.



## Home Page Functions of CCW grapevine App.

The screenshot shows the app's home page with the following elements and callouts:

- Water Icon:** Provides a 7-day rolling irrigation forecast.
- Weekly Icon:** Provides a 7-day summary of irrigation hours for drip or sprinkler along with daily or weekly trends.
- Weather Icon:** Displays a 7-day rolling weather forecast for Renmark.
- User Icon:** Displays your grower number and email.
- Gear Icon:** Takes you to a menu to where you can customise the App for your own property i.e varieties and irrigation system.
- Refresh Icon:** When activated refreshes all weather and irrigation forecasts. Weather and irrigation predictions are updated twice daily in the app.
- Site default:** The base set-up of the App installed by CCW. The default irrigation system application rate is 1.1mm/hr for drip and 7.5 mm/hr for sprinkler. The crop coefficient (Kc) used is a default value which is updated regularly by CCW viticulturalist during the growing season.
- Dripper hours:** 2.9. This is the estimated hours of irrigation required for that date.
- Sprinkler hours:** 0.4. This is the estimated hours of irrigation required for that date.
- ETo:** 7.9. This is the amount of evapotranspiration in mm forecast for the displayed day.
- ETc:** 3.2. This is the amount of water required by grapevines in mm for the displayed day.

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