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1.Install app and use

You can scan the QR code in the picture below or enter the address <http://www.octant.in/ModernPlantFactory/download.html> directly for access.



2.Connect BLE

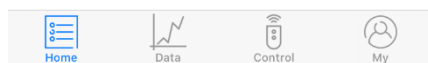
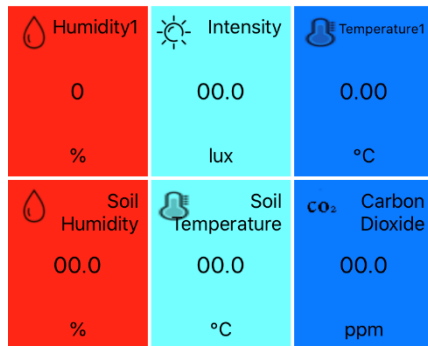
This app mainly uses ble (low battery Bluetooth) and the supporting development board for communication. Open the app. If the pop-up window with application permission appears, please choose allow.

Click "connect Bluetooth" button to start Bluetooth search

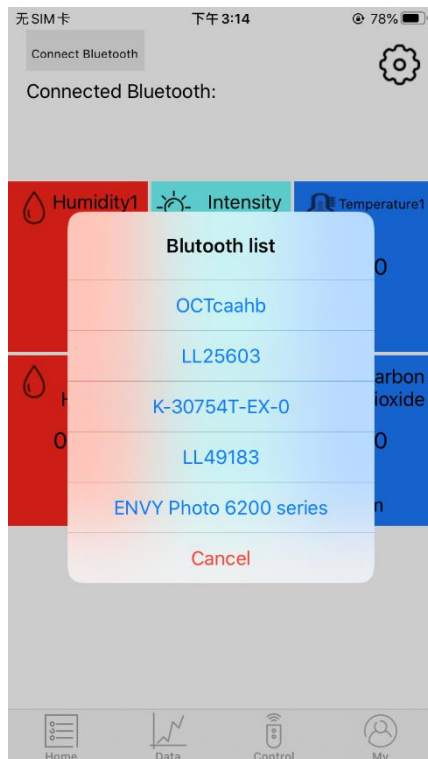
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Connect Bluetooth

Connected Bluetooth:

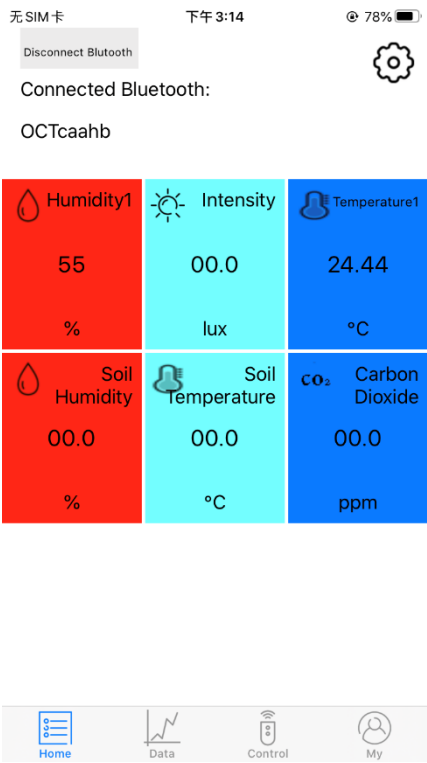


After searching for a period of time, the search Bluetooth name will be displayed in the pop-up window. Select "octxxxx" to connect. If the corresponding Bluetooth is not found, search again.

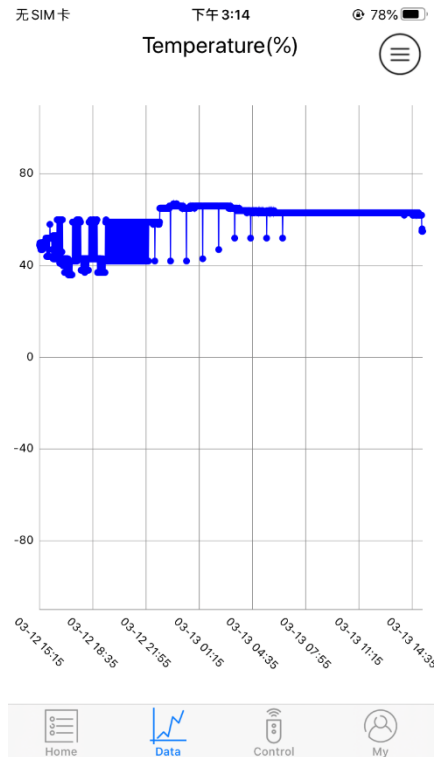


3.View sensor data

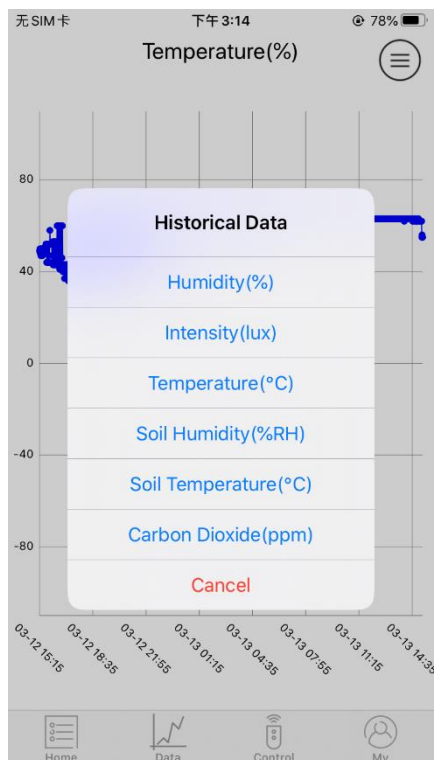
After connecting the Bluetooth of the development board, the app will start to communicate with the development board. Wait for a while, the main interface will display the latest data, such as the temperature in the picture below.



You can click "historical data" below to switch to the historical data interface to view the data of a day。



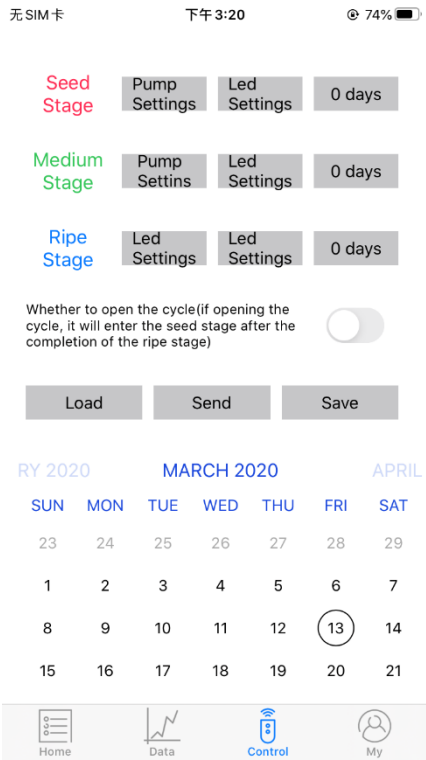
Click the upper right button to select other types of data to view



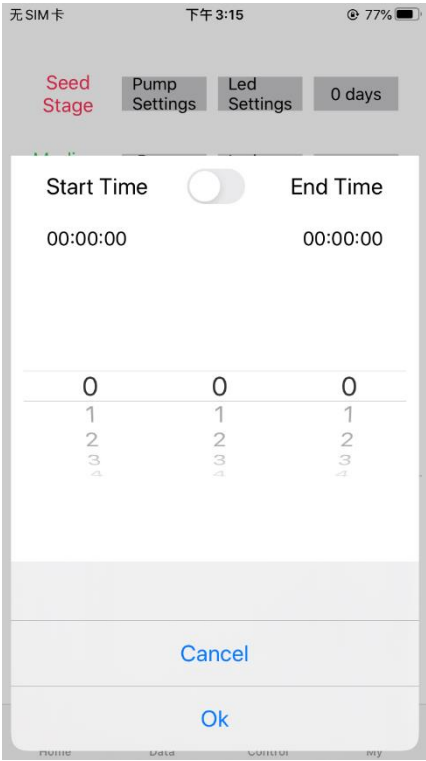
4.Send formula

Click "control" below to switch to the control interface for formula setting and sending. The

formula can be divided into three stages: seed stage, middle stage and ripe stage. Each stage can be set with pump, led and days. After the app sends the formula, the development board will control it according to the formula settings。

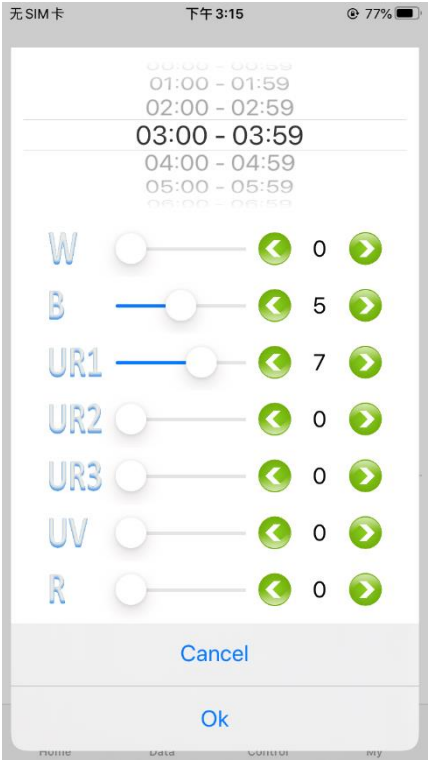


Click the " pump settings" button to open the pump settings interface, where you can set the start time and end time of the water pump every day.

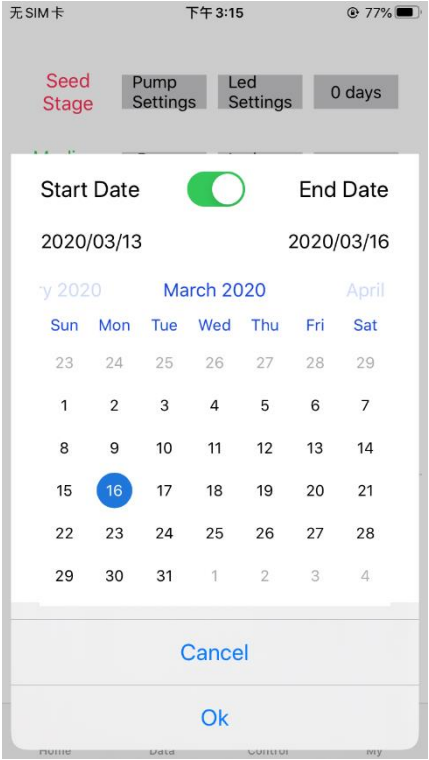


Click the "led settings" button to open the led settings interface, where you can set the light

intensity every hour.



Click "x days" to open the days setting interface, where you can set the days of the corresponding stage.



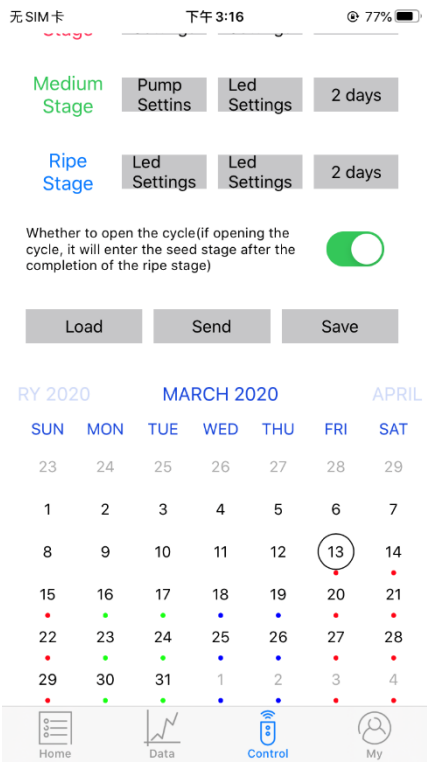
You can click the switch to turn the cycle on or off. After the start of the cycle and the end of the ripe stage, the development board will automatically execute the seed stage formula.

Click the "Icipe" button to get the formula of the development board.

Click the "send" button to send the formula to the development board.

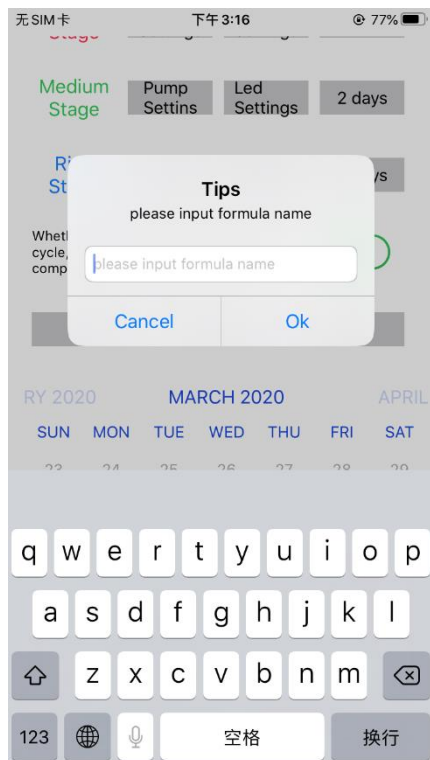
Click the "save" button to save the current formula.

The calendar below will show the date setting of the formula. The red dot represents the seed stage, the green dot represents the middle stage, the blue dot represents the ripe stage, and the circle represents today's date.

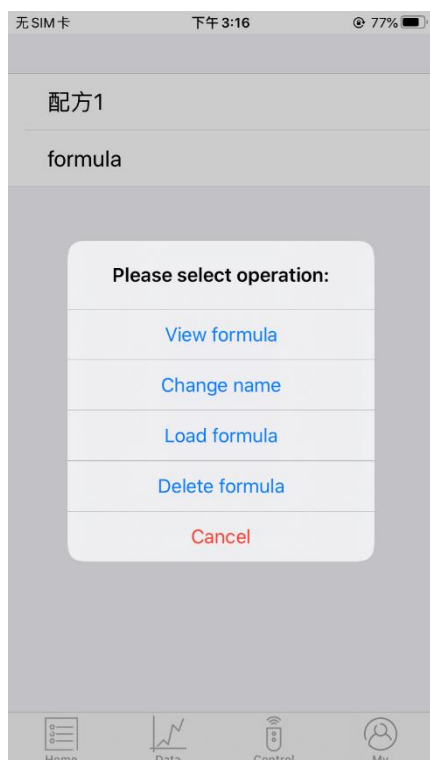


5. Save or load formula

The formula can be saved in the control interface. Click the "save " button to save the current formula. When you save a formula, you are asked to enter the formula name.



Click "my" below to view the saved formulas. Click the formula in the list, and the operation of the formula will be displayed in the pop-up window.



6. Other settings

Click the "main interface" below to enter the main interface, and click the upper right icon to enter the setting interface.

You can see the switch with opening permission. To open or close, you need to enter a password to confirm. If the permission is enabled, the user needs to enter the password for the first time when entering the " control" or "my" interface.

You can see the version of the app, but the "update" function is temporarily not supported.

Click "switch language" to switch the app between Chinese and English.

