



WELCOME
TO

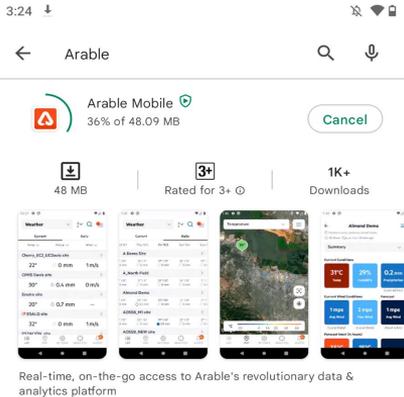
 ARABLE

MOBILE ONBOARDING GUIDE
AUGUST 2022





GET STARTED: Download the App

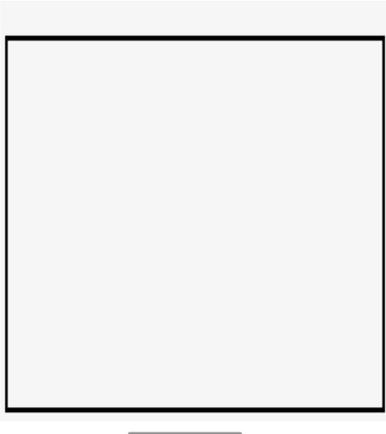


iPhone instructions:

- Open the Apple App Store
- Search for “Arable”
- Download and install the mobile app to your device
- Once downloaded, find and open Arable Mobile
- You’re ready to go!

Android instructions:

- Open the Google Play Store
- Search for “Arable”
- Download and install the mobile app to your device
- Once downloaded, find and open Arable Mobile
- You’re ready to go!





SIGN IN

3:33

←



Sign In

Please sign in with your email and password to continue.

Email

Password 

[Forgot password?](#)

Sign In

Don't have an account?
Contact support@arable.com

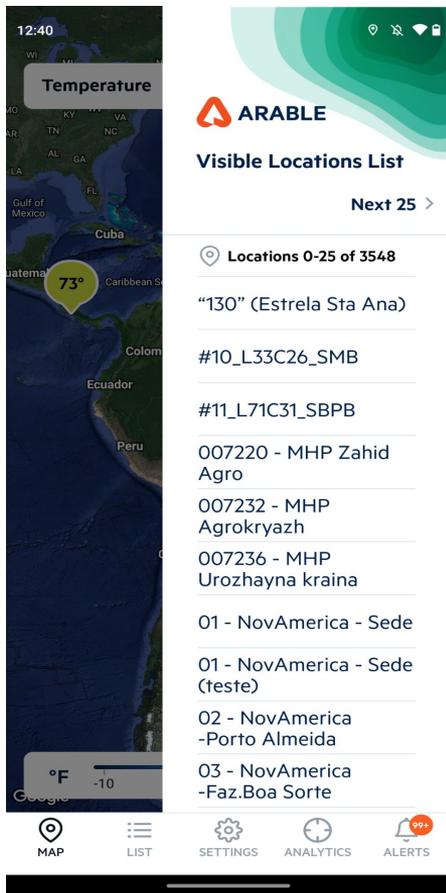
☰ □ ◀

Login to Arable Mobile. Arable support should have sent you an email with your account information. If you haven't received your credentials yet, please contact **support@arable.com** for assistance..

- Enter your email and password.
- If you have forgotten your password, click 'forgot password' and enter your email address.
- Your email address; we'll send you a temporary password via email



MAP



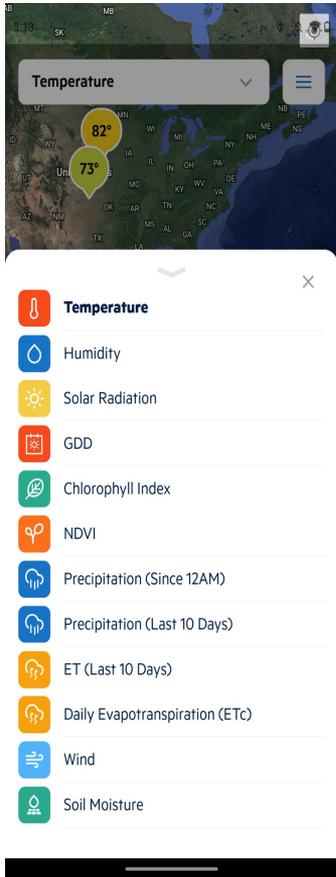
Use the [Map](#) to see more than 50 of your locations.

Temperature will be the default dropdown.

Map flags show the selected measurement and Key can be found at bottom scale bar.

Click on the [Hamburger](#) menu to see the Visible Location List, which is displayed as a Prev 25 or Next 25 location list.

MAP PAGE



Use the **Map** to see more than 50 of your locations. Select different measurements (e.g., temperature, humidity, solar radiation, growing degree days, etc.) from the dropdown menu to change the map view.

When you click a marker the location name highlighted and view details are showing in bottom of the page.

When you tap a location, a pop-up will appear with the most recent sync and a button to take you to the location details summary.

Tap the square icon in the lower right-hand corner to fit-to-screen and recenter the map over all of your devices.

Hit the target icon below it to recenter the map over your current location.



WEATHER - LIST



Weather as a result of tapping the list in the bottom menu is a summary of all your devices, listed alphabetically by location name and sortable by temperature, precipitation, and wind speed. For the entire list, you can see the current or daily forecasted conditions.

The most recent values are from the last hour or sync time (which is also shown). Swipe left or right to see daily values for the last seven days of historicals and the next seven days of forecasts. The current day includes both historical and predicted hourly data.

Untitled devices must be named in order for the data to be unlocked; tap on 'Name Location' to do so. If you decide to relocate a device, you will need to re-configure it.

Click the **Search** icon to enter the device id or any other no devices with a location.

Click the **More info** icon on the **Hamburger** menu to get useful information about using **Weather**.



FORECAST - LIST



Forecast as a result of tapping the list in the bottom menu is a summary of all your devices, listed alphabetically by location name which we can sort by. We can see the data for Today, Tomorrow, and the Next 7 Days. You can see the current or daily forecasted conditions for the entire list, and by clicking any location name, we can navigate to the summary page.

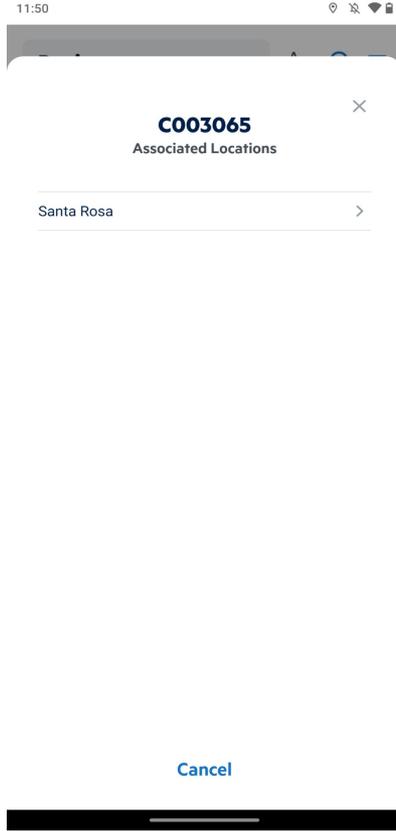
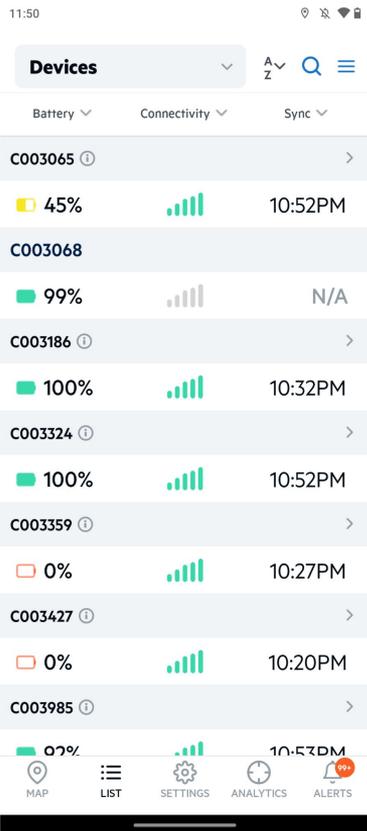
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Untitled devices must be named in order for the data to be unlocked; tap on 'Name Location' to do so. If you decide to relocate a device, you will need to re-configure it.

Click the **Search** icon to enter the device id or any other no devices with a location.

Click the **More info** icon on the **Hamburger** menu to get useful information about using the **Forecast**.

DEVICES - LIST



Devices as a result of tapping the list in the bottom menu is a summary of all your devices, listed alphabetically by location name and sortable by Battery, Connectivity, and Sync.

When we click the info icon, the Associated Locations device list appears.

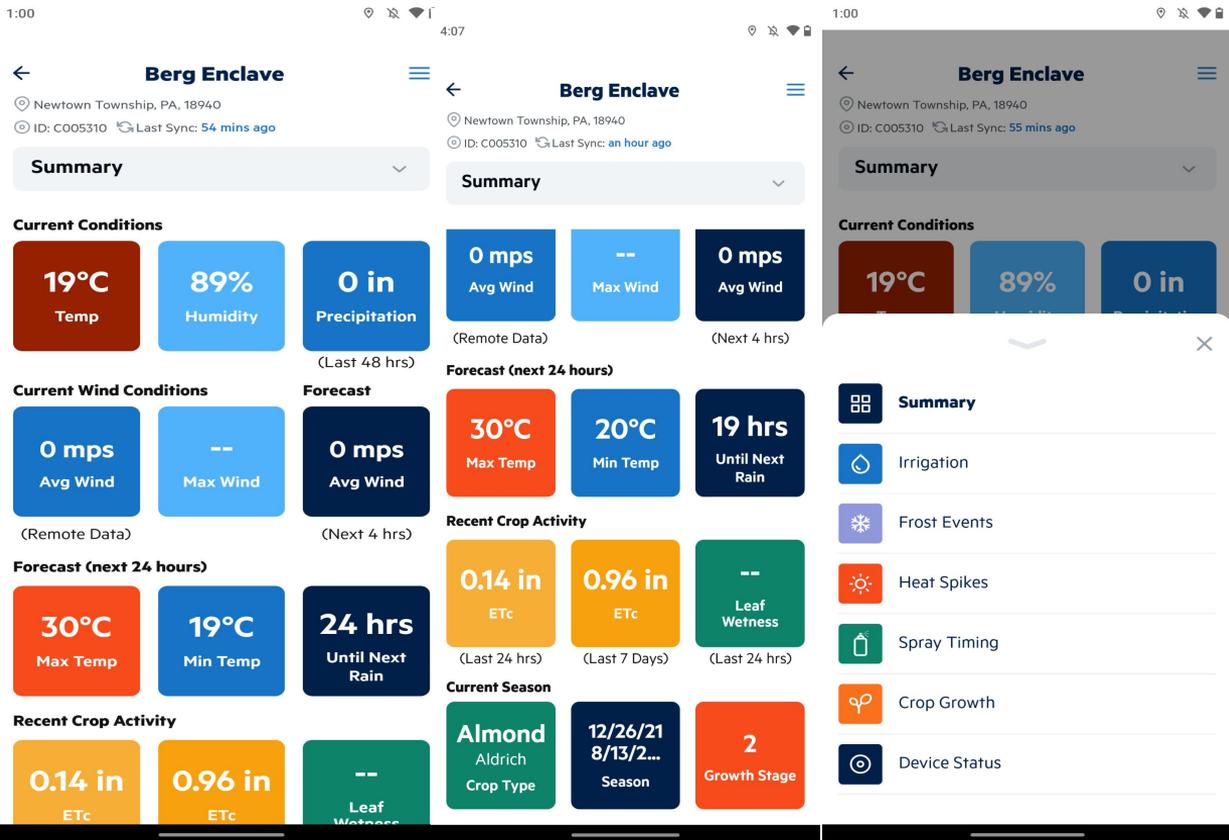
We can get to the summary page by clicking on any of the location names.

Click the **Search** icon to enter the device id or any other no devices with a location.

Click the **More info** icon on the **Hamburger** menu to get useful information about using the Devices.



LOCATION DETAILS - SUMMARY



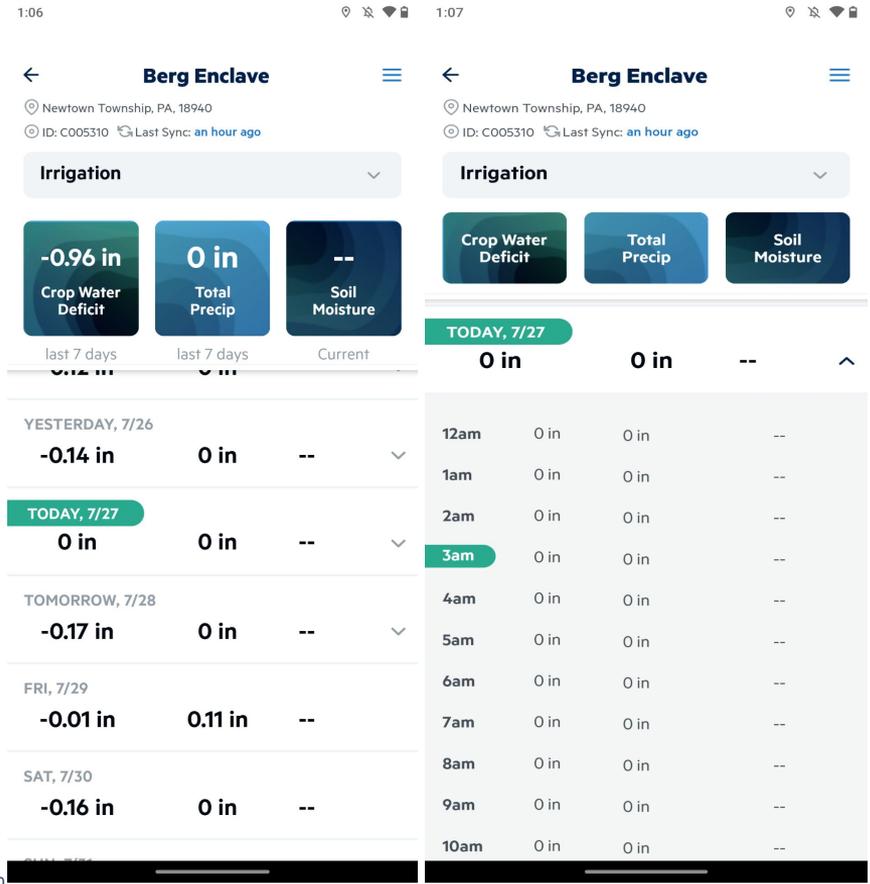
From the List or the Map screen, tap a Location Name to see its **Summary** complete details.

Here you will see a summary of the device's Current Conditions, Current Wind Conditions, Forecast (next 24 hours), Recent crop activity, and current season information (if predefined for that location) or select another option from the dropdown menu.

Click the **More info** icon on the **Hamburger** menu to get useful information about using the **Summary** Page.



IRRIGATION



Select **Irrigation** to see crop water deficit alongside soil moisture for current and irrigation runtime for this location, select from the dropdown menu on the location details page. Crop water deficit and total precipitation for the previous 7 days can be used to optimise irrigation scheduling.

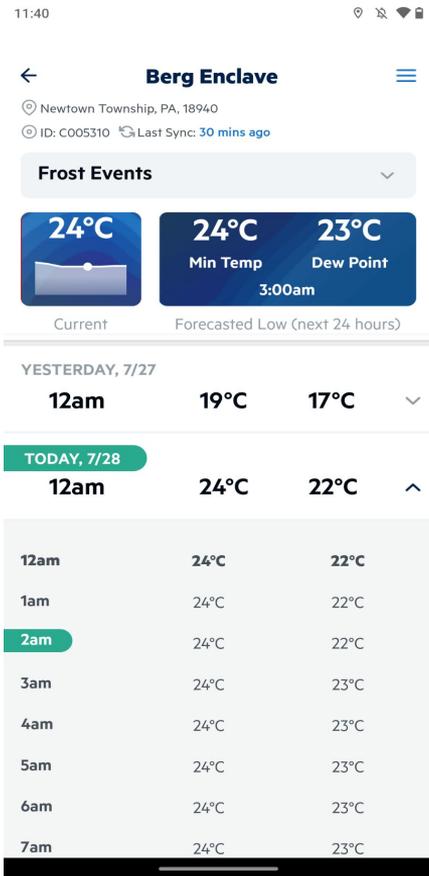
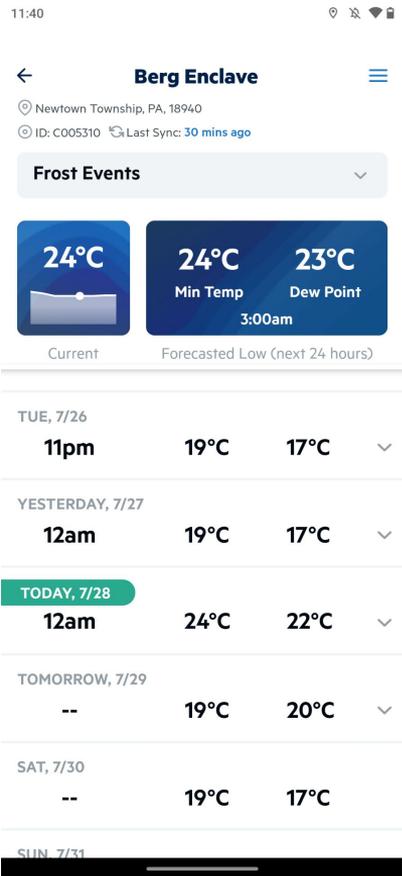
Data for yesterday, today, and tomorrow is displayed hourly.

Any daily row data dropdown will show expanded hour-by-hour data from 12am to 11pm.

Click the **More info** icon on the **Hamburger** menu to get useful information about using the **Irrigation**.



FROST EVENTS



Frost Events displays the current temperature, the minimum daily temperature, as well as the forecast minimum temperature and dew point for the next 24 hours at this location.

To turn on or off weather alerts, go to the Settings screen. They are available via push notification, SMS, or voice call (set in Arable Web or Arable mobile app). Frost event thresholds can be set by your organization's administrator. The default temperature is 2°C/36°F.

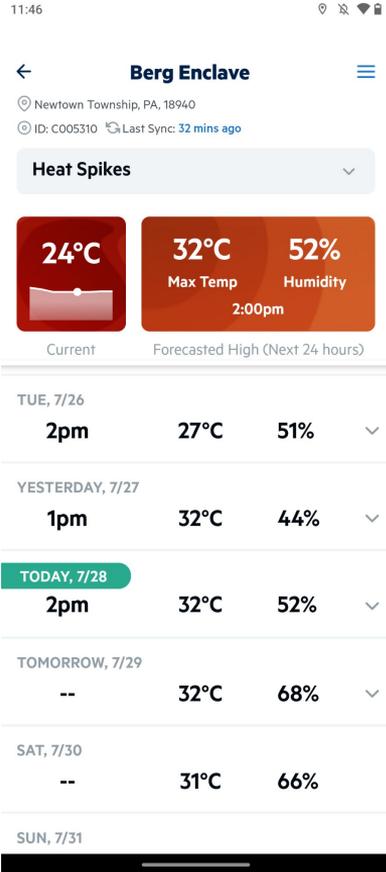
Data for yesterday, today, and tomorrow is displayed hourly.

Any daily row data dropdown will show expanded hour-by-hour data from 12am to 11pm.

Click the **More info** icon on the **Hamburger** menu to get useful information about using the **Frost Events**.



HEAT SPIKES



Heat Spikes displays the current temperature, maximum temperature, and humidity at this location, as well as the maximum temperature and humidity forecast for the next 24 hours.

To turn on or off weather alerts, go to the Settings screen. They are available via push notification, SMS, or voice call (set in Arable Web or Arable mobile app). Custom heat spike thresholds can be set by your organization's admin. The default temperature is 36° C/97°F.

Data for yesterday, today, and tomorrow is displayed hourly.

Any daily row data dropdown will show expanded hour-by-hour data from 12am to 11pm.

Click the **More info** icon on the **Hamburger** menu to get useful information about using **Heat Spikes**.



SPRAY TIMING

5:58



← **Berg Enclave** ☰

📍 Newtown Township, PA, 18940
📄 ID: C005310 🔄 Last Sync: 43 mins ago

Spray Timing ▾

Forecast

31°C Maximum Temperature (Next 24 hrs)	10 hrs Until Next Rain (Next 24 hrs)	2 m/s Wind (Next 24 hrs)
---	---	---------------------------------------

YESTERDAY, 7/28

33°C **0.87 in** ↗ **1 m/s**

TODAY, 7/29

29°C **0.05 in** ↙ **2 m/s**

TOMORROW, 7/30

31°C **0 in** ↘ **2 m/s**

SUN, 7/31

32°C **0.15 in** ↙ **1 m/s**

MON, 8/1

29°C **0.19 in** ↘ **1 m/s**

5:59



← **Berg Enclave** ☰

📍 Newtown Township, PA, 18940
📄 ID: C005310 🔄 Last Sync: 43 mins ago

Spray Timing ▾

Maximum Temperature	Until Next Rain	Wind
----------------------------	------------------------	-------------

29°C **0.05 in** ↙ **2 m/s**

12am 23°C 0 in ↗ 4 m/s

1am 23°C 0 in ↗ 3 m/s

2am 22°C 0 in ↗ 4 m/s

3am 22°C 0 in ↗ 4 m/s

4am 22°C 0 in ↗ 4 m/s

5am 22°C 0 in ↘ 3 m/s

6am 22°C 0 in ↗ 4 m/s

7am 23°C 0 in 🌀

8am 23°C 0 in ↗ 1 m/s

9am 23°C 0 in ↘ 1 m/s

10am 24°C 0 in ↘ 1 m/s

11am 25°C 0 in ↗ 1 m/s

12pm 28°C 0 in ↗ 1 m/s

For **Spray Timing**, we can use the Edit view from the **Hamburger** menu to change any three columns that appear on the spray timing page.

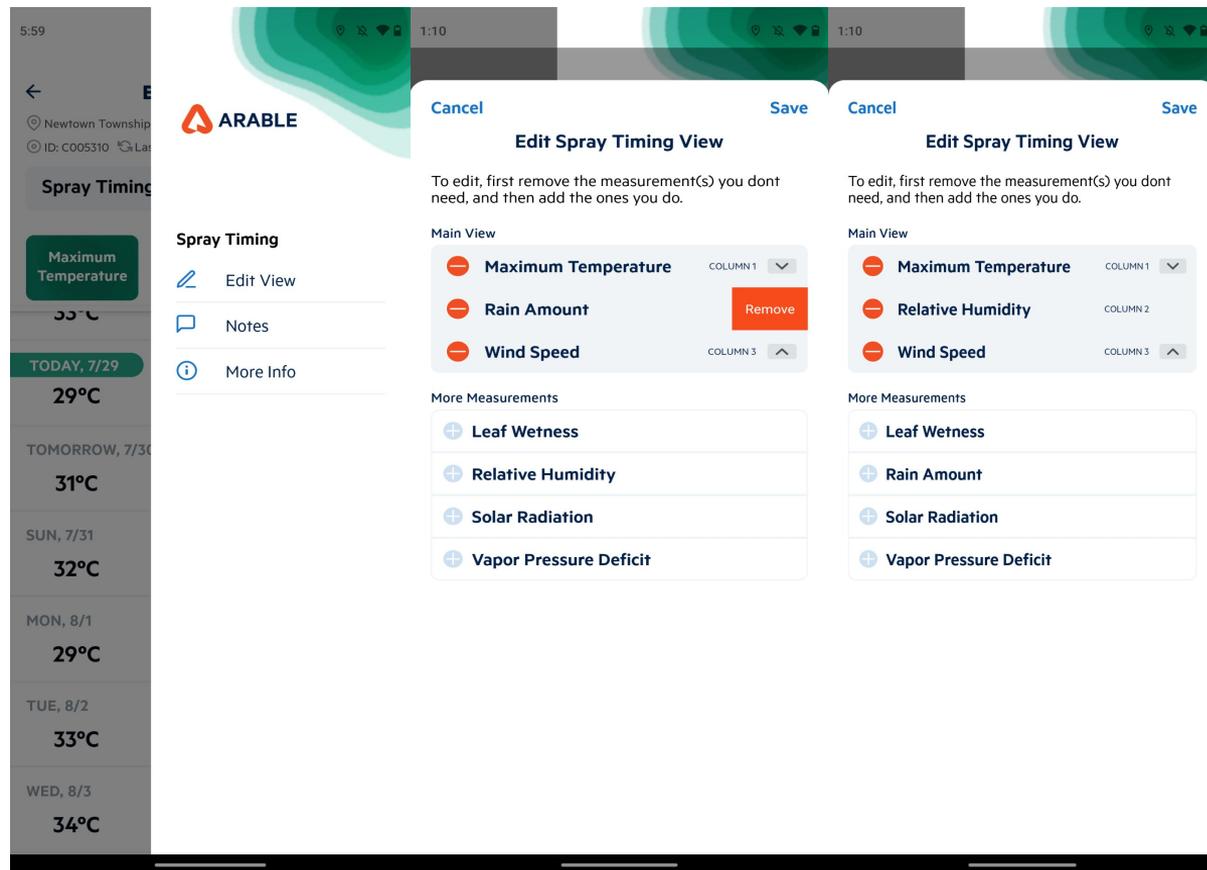
This page can be used to help determine the best day and time for a spray applications.

Data for yesterday, today, and tomorrow is displayed hourly.

Any daily row data dropdown will show expanded hour-by-hour data from 12am to 11pm.



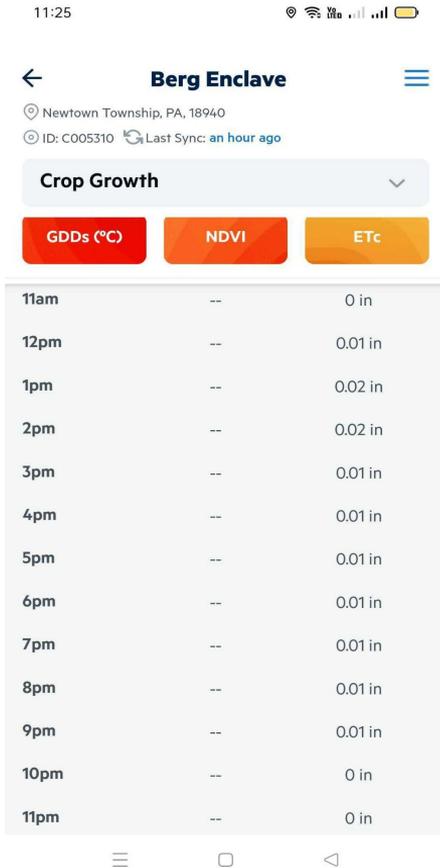
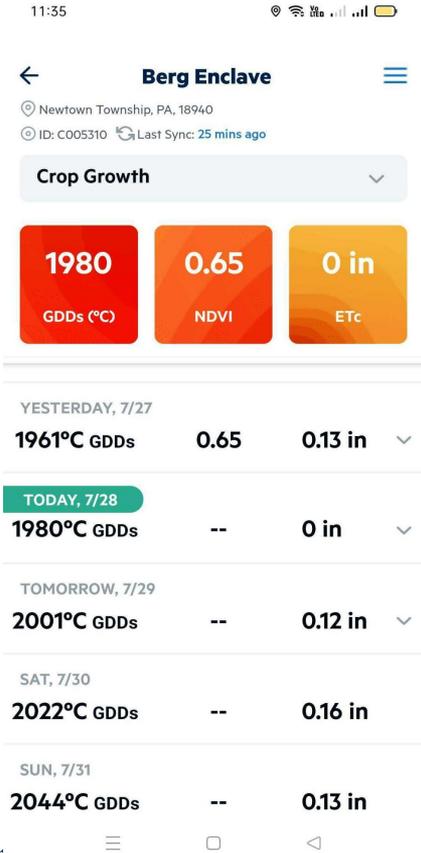
SPRAY TIMING



In **Spray Timing** Edit View we have Maximum temperature, Rain amount, Wind speed, Leaf wetness, Relative Humidity, Solar Radiation, and Vapor Pressure Deficit are all options in the Spray Timing Edit View that we can edit to see in the Spray Timing Tile.

Click the **More info** icon on the **Hamburger** menu to get useful information about using **Spray Timing**.

CROP GROWTH



Crop Growth displays cumulative growing degree days (GDD) in tile and daily row for locations with a defined growing season, as well as NDVI and crop evapotranspiration (ETc).

Data for yesterday, today, and tomorrow is displayed hourly.

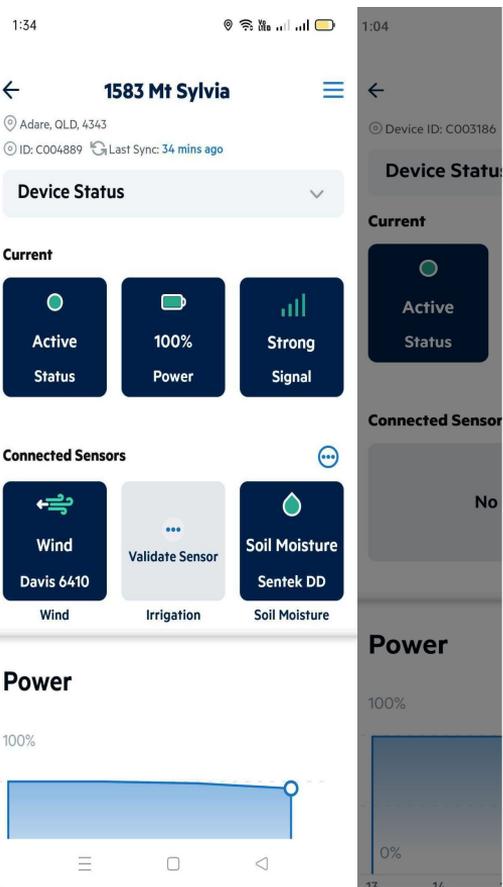
Any daily row data dropdown will show expanded hour-by-hour data from 12am to 11pm.

Click the **More info** icon on the **Hamburger** menu to get useful information about using **Crop Growth**.

Note: Use arable web application to create/update season for the a site.



DEVICE STATUS



- Device Status
- Devices
- Notes
- More Info



Device Status displays current device measures status, battery power, and signal strength .

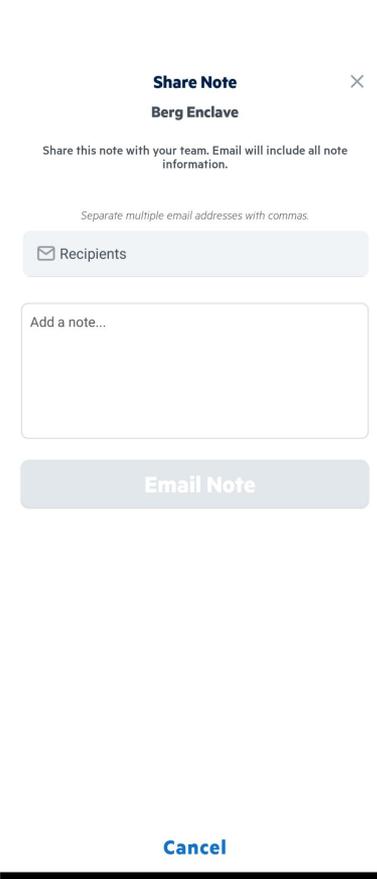
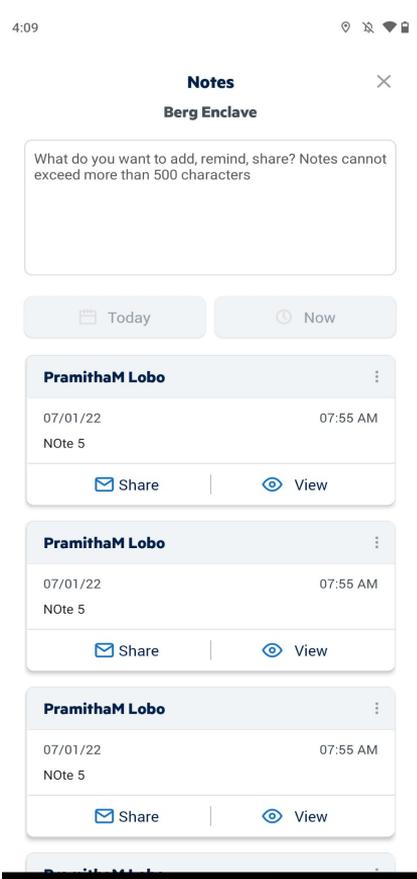
Tap on **Devices** to navigate to Device List page where you can see the devices IDs which are associated to the site.

We can choose different devices id from the device hamburger menu.

Click the **More info** icon on the Hamburger menu to get useful information about using Device Status.

Tap on the 3 dotted button to view the **Set Up Connected Sensors** page for additional sensors to connect or change configurations.

NOTES



When you select **Notes** from the **Hamburger** menu, you will be taken to the Notes page.

Notes does not allow you to enter more than 500 characters.

We can specify the date (today) and time (Now).

We can send an email with the values and units of a specific location.

If you want to delete the notes, click the three dots.

When we click on the Email Note, we can see Share Note and enter an email address to which we can send the locations specific information.



ANALYTICS

arable-team - All Dashboards

Analytics ⓘ ⤴

arable-team ▾

All Dashboards ▾

Single View Water ▾

Controls Start Date 2020/03/01 00:00... End Date 2/29

Use control bar to select your Device or Location name to populate graphs. Default view is summation of location data.

Crop Water Demand (mm or in)
SHOWING TOP 7 IN TIME

Precipitation as a % of ETc for the last 7 days

Controls

Tenant
All ▾

Country
All ▾

Location
All ▾

Device
All ▾

Start Date
2020/03/01 00:00:00

End Date
2022/12/31 00:00:00

Units
Imperial ▾

Daily Precipitation (mm or in)

- STARBUCKS ALSACIA 1 lote 22 #42
- ANAND MOHAN (C010056)
- Ashok Chatre (C009719)

arable-team - All Dashboards

Analytics ⓘ ⤵

Single View Water ▾

Precipitation as a % of ETc for the last 7 days

Warm Nights, Cool Days, Max and Min Temperat...
SHOWING TOP 7 IN TIME

Daily Precipitation, ETc, and Weekly Accumulatio...
SHOWING TOP 7 IN TIME

Select **Analytics** from the bottom menu to view the graph.

To view the graph, the user can select any org and team from the dropdown menu.

We can change the values in the controls option in dropdown.

We can see graphs of daily precipitation, ETc, crop water balance by location, heat stress days, temperature extremes by location, NDVI, Chlorophyll Index, cumulative GDD, and growing season summary.

Click the **More info** icon to get useful information about using Analytics.

ALERTS

The screenshots illustrate the Alerts interface and configuration options:

- Alert List:** A list of alerts under the heading "My Alerts" and "TODAY". Alerts include:
 - Frost Alert:** The temperature is below 60 F at q1reg. (2:27pm)
 - Device Tilt:** C004543 at Madhur Site1 is tilted more than 2.0°. (2:27pm)
 - Delayed Data Delivery:** C003048 at Campo El Huique: data delivery delay. No action needed. (2:23pm)
 - Frost Alert:** The temperature is below 60 F at Jan's Backyard - C009070. (2:11pm)
 - Frost Alert:** The temperature is below 36 F at OTT-Wallops_M2_sound site. (2:07pm)
 - Frost Alert:** The temperature is below 36 F at San Basilio. (2:00pm)
 - Frost Alert:** The temperature is below 60 F at Bryan Jensen Front Yard-Site. (1:43pm)
 - Frost Alert:** The temperature is below 60 F at SiteX. (1:24pm)
 - Frost Alert:** The temperature is below 60 F at RD Backyard Site. (1:24pm)
- Filter by:** A dialog box with a close button (X) and a list of filter categories:
 - Date (checked with a green checkmark)
 - Weather Alerts
 - Crop Health Alerts
 - Device Alerts
 - Account Alerts
- Send Test Alert by:** A dialog box with a close button (X) and three options:
 - Push Notification
 - SMS
 - Voice Call

At the bottom of the app, there is a navigation bar with icons for MAP, LIST, SETTINGS, ANALYTICS, and ALERTS. The ALERTS icon is highlighted with a red notification badge.

Select **Alerts** from the bottom menu. Tap an alert to view the alert's location details.

They are available via push notification, SMS, or voice call (set in Arable Web or Mobile).

The administrator of your organisation can set custom thresholds for all weather alerts.

We can sort the results by date, weather alerts, crop health alerts, device alerts, and account alerts. Users are automatically subscribed to **Alerts** in device alerts (such as location updates) and account alerts (such as username, phone number, and password change), and they can opt in to weather alerts via the Account tab (Web) or the Settings page (Mobile).

We can receive alert notifications on our mobile devices.

Arable Mobile · now

Rainfall Alert

The precipitation rate exceeds 0.24 in per hour at Page Farm site - 1



SETTINGS

Settings

HELP ?

USER NAME
sys admin



UNITS

Measurements in mm

Temperature °F °C

Pressure mb kPa

Speed mph km/h m/s

Moonrocks > < 1/560 >

ALERTS

Heat Spikes On Off

Frost Events On Off

Rainfall Events On Off

GDD & Growth Stages On Off

New and Inactive Locations On Off

Device Tilts On Off

Device, Location, and Account alerts are always sent to your Activity Feed.



GDD & Growth Stages On Off

New and Inactive Locations On Off

Device Tilts On Off

Device, Location, and Account alerts are always sent to your Activity Feed.

WEATHER ALERTS THRESHOLD SETTINGS

Heat Spikes \geq 40 °C

Frost Events \leq 7 °C

Rainfall Events $>$ 3.27 in/hr

Device Tilts $>$ 11 °

OTHER

Version 4.5.0

Email vijayapriya@arable.com

Language English >

Restart App Walkthrough >

Terms & Conditions >

Log Out [↗]



Save

Language

English (Default) ✓

Español

Português

Français

Deutsch

Українська

Polski

Select **Settings** from the bottom menu to change your preferred units, turn on/off weather alerts, and set custom alert thresholds.

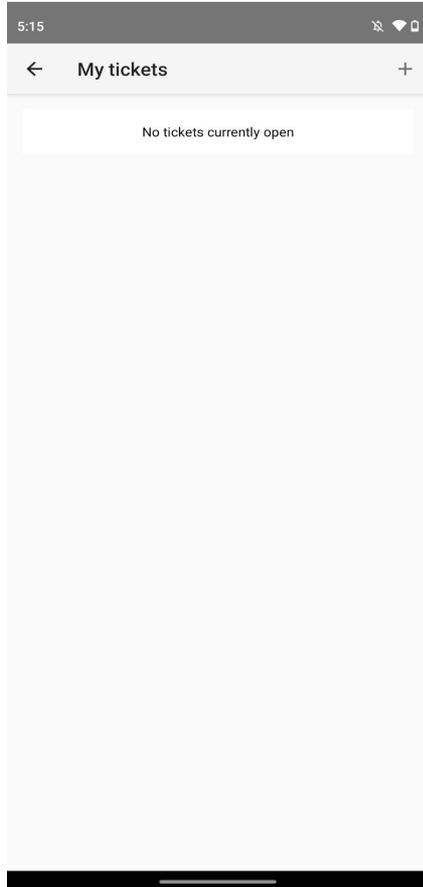
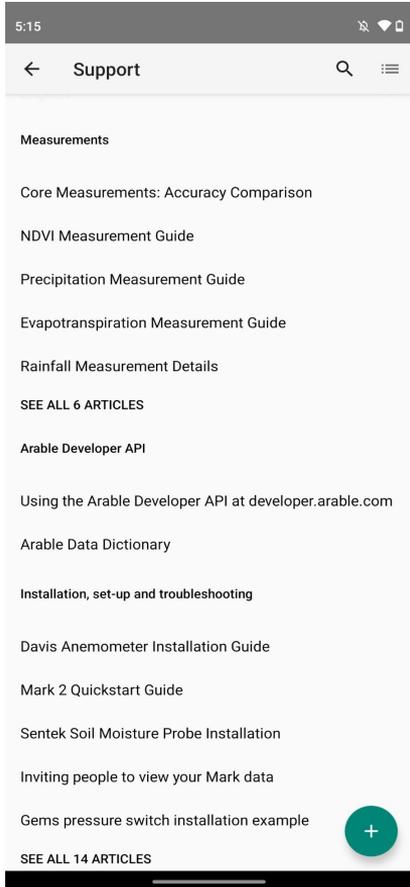
We switch between seven different **Languages**:

Espanol, Portuguese, Francais, Deutsch, ykraiHcbKa, Polski, and English(Default).

We can perform Restart App Walkthrough, Terms and Conditions, and Log Out.



HELP



Using the **HELP** icon, we can create a ticket and resolve it, as well as read articles about Devices, Measurements, and Release Notes.



 **ARABLE**