WELCOME TO ARABLE

WEB ONBOARDING GUIDE AUGUST 2022

SITES: A Field-Based Approach to Visualizing Your Data TRANSITION TO SITES

When your account is transitioned to Sites, you will see a "Welcome to Sites" message when you log in.

\$	Organization Team arable-team V All Teams V				Now			
● Мар	Map Satellite Seattle WASHINGTON		Québeo un	Current				
salysis ≻	Portland	MINNESOTA	Ottawa	Site Name		Q - Rain		
-	OREGON IDAHO	Welcome To Sites	VERMONT NEW					
5	WXMING	You are now viewing your data through the lens of a physical site (field or block) instead o	MASSACHUSETTS of an CT RI					
gs	77 DESKADA IN A DESKADA	individual Mark deployment location. Sites have been created for all the operational locations you had. This includes any exis	rork					
ħ	San Francisco - San Jose	seasons as well. At this time, it is still recommended to verify that sites, seasons and alerts are configured as would have expected.	you					
	cauronna, Las Vegas 32° Albridgergu.	Tools for combining multiple Marks into one site and drawing exact site boundaries are avail in the new Sites page accessible from the main navigation bar.	lable					
	Los Angoles Anizona (Hew MEX) San Diego Pricentix	Any new deployment will be found here on the Map page under the <u>Unassigned Devices tab</u>		Borrasca Area				
	CALIFORNIA CONDRA	A widget will guide you through assigning the new deployments to a site as well as to vali connected sensors and drawing exact field boundaries.	date					
		Note that after creating a site, it may take up to 5 minutes for data to show up.						
		Close						
				Cypress Corner				
			Turks and Calcos Islands	Hardy Homestead				
	Google	10 33 57 77 100 140 E CHE OLINTANA Cayman Cale data	Haiti Dominican Republic				() H	lelp
		Keldaard anorbota Mja d	ata 61000 Gorone, TIEGI muoeri i 61000 Temakteriler - Temakétik					A

SITES: A Field-Based Approach to Visualizing Your Data

MAP VIEW

You'll notice that the Web landing page, **Map**, has changed to a Sites-specific view. Your currently-deployed devices will appear in the **Current Sites** tab with the Site Name as the original name of the device location.





SITES: A Field-Based Approach to Visualizing Your Data

NEW DEPLOYMENTS

Future deployments will appear under the **Unassigned Devices** tab on the **Map** screen. If you would like to tie the new deployment to an existing site, select that site's name under "Add to Site." If you would like to create a new site for this device, select "Create New Site."

Demo	\checkmark	Ĵ
Curren	t Sites	Unassigned Devices
Jnassigned Devi	ces	





Map View Toggle Button, Org Dropdown & Team Dropdown

You can switch the **view** of Map. And, also can switch to **another org or teams** you are part of. Also, the org and team selected from dropdown will act as **globally** on the app.



NAVIGATION: The First 4 Essentials



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When devices ship, the **Org Admin** will receive an email with account details, including how to log in from the web, and how to download the mobile app. When you deploy your device and log into the web app (<u>https://app.arable.com</u>), you will land on the **Map** screen. The deployed device will populate the **Map** as "New" and will need a name for the location. If you are invited to the account by an **Org Admin**, you will land on the **Teams** page first. Let's get started with these four key pages:







YOU ARE HERE: Arable Overview



ACCOUNT: Settings & Notifications

	Name * First & Last	PramithaM			Lobo		
	Email Address Email Address	pramitha.lobo@	@arable.com				
	Username * Usernames must be all lowercase and cannot be longer than 20 characters.	pramitha lobo					
	Phone Number e.g. +1 999 999 9999	+1 • 650-	488-5377				
	API Key Generate or refresh	cb88c13f-c06a	-42e0-9fe1-ffa4f5b25ba	a2	Refresh Key		
	Current Password						0
6	New Password						0
Devices	Confirm Password						Ø
∲ Seasons	Units Select your measurement units.	Size	Inches	or	Millimeters		
Ø		Temperature	Fahrenheit	or	Celsius		
Alert Settings		Pressure	Millibars	or	Kilopascals		
		Volume	Gallons	or	Liters		
Account		Speed	Miles per hour	or	Kilometer per hour	or	Meter per second

First, head over to **Account**. On this page, you should change your password, plus find a copy of the **Terms of Service** (covering Warranty and Replacement) and the **Arable Data Privacy Statement**. You can also generate API Keys and ensure that you have access to the right account.

Here you will also add your mobile phone number to receive SMS- and phone- based alerts (in addition to push notifications), find the **Data Privacy Agreement, API Key**, and change **Unit Preferences**.



Agreements & Policies Latest versions

0 Map

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Analysis

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Sites

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Terms of Service Privacy Statement



ACCOUNT: Language Selection

Mark 3 Test All Teams New Password	
New Password	
	0
Análises Confirm Password	0
당 Sites	
Alertas Language English Português	
رژب کې م nfigurações	

Introduction:- We are introducing a language selection option for Portuguese on the Account page, where users can read the entire application in Portuguese.



DEVICES: SETTINGS

Δ 0 Map \$ Analysis 品 Sites Д Alerts <u>نې</u> Settings Devices 8 Q Seasons Search 5 Alert Settings Ρ Teams B Account â

Distributor

The **Devices** page is meant to help you manage the status of each of your devices and monitor connected sensors.





Named devices that are posting measurements to our servers at least once every 8.5 hours.

Devices Syncing: New

Devices from the factory will show up as Untitled upon first deployment. Once given a sitename the status is updated to Active.

Inactive

Deployed devices experiencing a field problem. Main causes are battery <15% or the device has not posted measurements to our servers for 8.5 hours.

Dormant

Devices that have sent an undeployment message to the Arable system and are no longer collecting data.

Battery

Grouped by low, medium, and high percentage. Under 30% is in danger of losing power, and may need to be plugged into a power source to charge, then moved to a permanent location with more direct sunshine. Medium should be monitored for future dips in charge. High is fine, no action required.





Devices Details



We can Validate the sensor's, while clicking on 'Validate' button.

Set Up Connected Sensors Model

			Organ	ization	Т	eam			-		
	4		В	ayer Breeding 💊		All Teams	Set Up Connecte	A Sensors			
	• Map					Devices Syn	Please confirm the following sensor:	s are plugged into the Mark.		Battery	
	4 Analysis				-	789	Port 1 Analog		1	24	1243
	다. Sites					Active	Davis Wind Anemometer 6410 (Directi	on) 🗸 1 📩	16		
	~						Davis Wind Anemometer 6410 (Direct	ion)			
	لیک Alerts		#	- Device ID		Sites	GEMS PS41 Series Pressure Switch		VDC	- Status	Connected Sensors
	\$\$ \$			1			Specifically, for deployments in the Southern He arm of the anemometer is pointed South and the	misphere, it is recommended that the at a value of 180° is entered as offset.	637 		
	Settings	Devices	a).				Port 2 Pulse		ago	Active	
	Q Search	Seasons	2			C011002 2022-0 C011002 Spencer	Davis Wind Anemometer 6410 (Speed)	· ✓ :	здо	Active	
		Alert	3	C012354		Untitled Location	Port 3 SDI-12		800	Active	
		Settings				Belimont ILBB sit	Sentek Drill and Drop Soil Moisture Pre	obe 🗸 :	-90		
		12 Teams	4	C006374	•	C006374 2021-0 C006374 2021-0 C006374 Harris			ago	Active	
		Account				CO1021W12022-C	Cancel	Confirm	25	Active	Activate Windows
12	•••				-		1 Idi N.J.	are the very dood inter	ago	Active	Go to Settings to activate W () Help
	https://app.	dev.arable.c	om/da	shboard/settings/o	devices						



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Set Up Connected Sensors - NEW DEPLOYMENTS

We can Validate the sensor's, while clicking on '**Validate**' button and Before selecting port 2, the user should select 'Port 1 Analog' sensors or an error message will appear.

		Organi	zation	Te	im						
()			yer Breeding 💙		All Teams 💙						
● Map					Devices Sync	Set	t Up Connected S	ensors	×	Battery	
Analysis				-	789	Please confirm the	e following sensors are	plugged into the Mark.	1	24 12	43
다. Sites					Active	Port 1 Analog					94 A
슈 Alerts		#	- Device ID		Sites	Please select Wind D	Direction or Pressure Sv	vitch to continue 🗸 🗸): nc	- Status	Connected Sensors
۵¢,	۲					Port 2 Pulse	neter 6410 (Speed)	J]:		
Gennigs	Devices			٠			leter 6416 (Speed)		. 30	Active	Ø Validate
Q Search	P Seasons			٠	C011002 2022-04	Port 3 SDI-12). <i>p</i>	Active	Ø Validate
	G Alert Settings		C012354		Untitled Location	Sentek Drill and Dro	p Soil Moisture Probe	\checkmark		Active	β^{j} . None Federal
	Teams Account	4	C006374		Bellmont ILBB site C006374 2021-09 C006374 2021-09 C006374 Harrish C010219 2022-03-	Cancel		Confirm		Active	Ø Validate
				٠		inidia.z	1	WIII AstA Good	Aug 25	Active Activ	vate Windows
•••						Mark 2				Go to Active	Settings to activate W Help





TEAMS: Overview

 Δ • Map 4 Analysis 8 Sites <u>نې</u> 0 Setting Devices 90 Q Seasons Search 5 Alert Settings Teams B Account Â Distributor Next, to get everything set up, navigate to the **Teams** page. This will allow you to set up your team, add additional users, change account permissions, and ensure that you have the right level of access to account information.

 Organization arable-team	All Te	eams 🗸							
	Assi	Teams 2 O Unassigned	Mem 16 Assigned	Unassigned	Â	Site 6 Assigned	s O Unassigned		
	▼ Team Name	- Members		- Sites					
	Administrators	(86) Total					⊚ View T	eam	
	1Test	(12) Total		(3) Total			⊚ View T	eam	
	arable	(8) Total		(3) Total			⊚ View T	eam	
							Activat	te Windows	

We've designed the Arable platform to be flexible enough to serve users with different needs, from granular operations to large-scale data collection across multiple geographies. On the **Teams** page, the Org Admin will be able to see all the teams, devices and members associated with the account. Teams tie together users with devices. Within each team, members will have access to the subset of devices associated with that team. Please check this page and make sure you have access to the right teams and right subset of devices/locations.



TEAMS: Members & Permissions



Distributor

Select "View Team" to see any of the members associated with each team. You will be able to see members, their email address, and their level of access. At Arable, we take data privacy very seriously. To make it easy for you to manage permissions, we have four levels of access: Org Admin, Org Reader, Team Admin and Members.

	▼ Team Name	 Members 			Org Admin will be able to see all the devices associated with the account, can add members to
	Administrators	(5) Org. Admin (2) Org. Rea	der		any team and create new teams.
(a) Designer					Org Reader can see all the devices, but cannot move members, teams and devices.
P S	Team Members Inf	ormation			Team Admins can invite new members to their
Seasons	Name	Email		Role	teams.
Alert Settings	Adam Wolf	adam@arable.com	Org. Reader	Org. Admin	Members can view & edit device, team and member data for only their team, and cannot invite
	Loreli Carranza	loreli@arable.cor	n	Org. Admin	new team members.
	Vanessa Handley	vhandley@berke	ley.edu	Org. Reader	

TEAMS: Inviting Members & Creating New Teams

Invite Member to Organization



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5 Alert Settings

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Teams

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Salast Mombor		
Select Member		
Select Member		\sim
Select Role		
Select Role		\sim
Select Team(s)		
Select Team(s)	\sim	Add
Teams & Roles		



Confirm

Cancel

Unlimited users can join the Arable platform. Click on "Invite Member" to add new members (New) and to move existing members to new teams (Current).

By clicking "Create New Team" you can organize a new set of users and subset of devices/sites. If you need help adding members or teams, please get in touch with support@arable.com.



Team Name	
Type the team's name	
Add or Remove Members	
Type Name or Email Address and pres	ss Enter
Add or Remove Devices or Loca	tions
Type Device ID or Location Name and	press Enter
Canaal	Confirm

SEASONS: Overview







당 Sites



Alerts

Settings Devices Devices Seasons Seasons Alert Settings Teams Account

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Then, navigate to **Seasons** to add details about the crop at your site. We have variety-specific growth stages that will allow for growth-stage based alerting. It will also enable seasonal archives for year-over-year comparisons.

Even if a device is not deployed at a site at the start of the season, setting up a season retroactively will enable us to backfill with remotely sensed data to provide a better snapshot of the season as a whole.

We built Arable to understand interactions between the climate and crop productivity. To maximize the benefits of the system, we encourage users to add in their seasons and track growth stages.

By inputting seasonal start dates, harvest dates and growth stages, we can combine measurements to allow users to monitor water availability during critical stages, or if different fields are maturing faster.

We have pre-populated the system with a standard list of varietals and growth stages, but can easily add custom varieties, temperature thresholds and growth stages for you if you let us know.



SEASONS: Entering Growth Stages













If the standard growth stages for a varietal does not match your specific needs or experience, you can easily add or remove growth stages yourself.

Once you enter your varietal and growth stages, it's also easy to apply the same growth stages to multiple devices/Sites. Make sure the season start date is correct, even if it is in the past. Note that the absolute value of cumulative growing degree days will vary based on preferred unit (°C or °F).

Crop Choose your crop type	Corn	~	Varietal Choose your varietal type	European	_Deprecat 🗸
Threshold: Low 6 °C - High	30 °C				
Growing Season					
Refill Threshold: 🗹			—	Start Date 27-Feb-2022	End Date 07-Aug-2022
Growth Stages					
- GDDs (°C)			ges		:
56		S1			:
1111		Stg1			:
Copy Season to New S	Site(s)				Save Season



SEASONS: Understanding the Dashboard



The number of locations assigned to at least one season in the organization.

Sites: Unassigned

The number of sites that are unassigned in the selected organization. To best archive your historical crop data, this number should be zero. The number of seasons where today's date is currently within a growing season's start and stop dates.

Seasons: Completed

The number of seasons with stop dates in the past.

Seasons: Upcoming

The number of seasons with start dates in the future.

The number of sites with seasons (planting and harvest date defined) that have incremental growth stages enabled, and therefore are able to receive growth stage-based alerts.

Growth Stages: Undefined

Those without defined growth stages.



Settings

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ALERTS: Overview

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Distributor

Now, select **Alerts**. Since you've already added your phone number, crop and season information, it will be easy to select different thresholds for unique locations to make sure you don't miss an event in your field.

Heat Spikes	58 🔶 °C	Frost Events	23 🚊 °C	Rainfall Events	3 ⊖ in/hr
	ð		ð	Q	ð
Crop Health Alerts		Device Alerts			
GDD & Growth Stages		Inactive and New Sites		Device Tilts	7

Only **Org Admins** can change/set the global alert thresholds. There are options to receive alerts on the following parameters:

- Heat Spikes
- Frost Events
- Precipitation Rate
- Growth Stage / GDD (new growth stage transition)
- **Device Alerts** (tilt/inactives)

All users can opt in to receive alerts three different ways, and will receive alerts for ALL devices assigned under their permissions:

- **SMS-Based Text Alerts**, enter phone number on Account page.
- Phone Calls, enter phone number on Account page.
- **Push Notifications**, via the mobile app.



ALERTS: Site-Specific (1 of 2)

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Analysis

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The alerts system defaults to global alert, setting the same thresholds across devices/locations.

By clicking "Add Alerts for Specific Site," Org Admins will be able to set own thresholds for specific devices/locations. Similarly, any user can customize the method for receiving alerts with the same mechanism.

Notifications Settings Created for a Specific Location

Your new specific notification settings have been created for Untitled Location. You can now set specific parameters and notification channels for this location.

Close

Add Notifications Settings for a Specific Location Please choose the location you would like to add specific notification settings



Cancel

Confirm



ALERTS: Site-Specific (2 of 2)



For each location, the alert settings will mirror the global settings as the default setting. Once a specific location is selected, it will appear below the global settings (as shown for **Weather Alerts** on the right). Initially, both the **Parameters** and **Channels** boxes will be checked, indicating that that location will mirror the global settings by default.

To set location-specific alerts, uncheck the **Parameters** and **Channels** boxes. This will allow the user to change the thresholds and select different methods for receiving the alerts.

By rechecking the **Parameters** and **Channels** boxes, the user overrides the local settings and reverts to the default global settings.

Weather Aleri	s	
Heat Spikes		96 <u>^</u> °F
D		I
Crop Health A	lerts	
GDD & Growth S	Stages	
D		I
Untitled Loca	tion	



ALERTS: Overview

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EXPLORE THE WEB APP: Getting the Most Out of Arable



Once you have the basics set up, you can begin to explore more functionality in the app.



MAP: Overview





Sites : Overview

\$	Organization Team			
• Map			+ Create New Site	The first Org in the dropdown
Analysis > >	1TA - CDB1	1TA - FLA1	1TA - FRP1	should be the default org
Sites Alerts				showed in the Sites page and as per Org
Settings >)	Google The second development of the second	Crop: Agrigold Soybean - Yield Masters Sampling Protocol	No Crop Specified	selected, the Site should be displayed.
Q Search	8/0/22 2/6/23 Device Deployment Battery	Byroj22 37/23 Device Deployment Battery	Create a Season Device Deployment Battery	Site page
	C010824 1TA - CDB1 100%	C010751 1TA - FLA1 🛑 100%	C010844 1TA - FRP1 100%	the button Create New Site', where
	View Site Data >	View Site Data >	View Site Data >	we can create the
	1TA - ISO1 / ISO2	1TA - LBA1 / LBA2	1TA - LCA3 / LCA4 Activate Windows Go to Settings to activate windows	new site.
••• More				ARAB



Sites : Pagination & "Go To Page" Field



Introduction :- We are introducing the Pagination & Go To Page feature on the site page, where we can jump to any page where site details are present.



Sites : "Clear Boundary" button

Confirm

10 Square meters					
Device ID	Deployment Name	Status			
C005306	Untitled Location	Assigned			
C005306	Untitled Location	Assigned			
C005306	New Location	Assigned			



Introduction :- On the site view page, we are introducing the 'Clear Boundary' option. If a user wishes to clear a boundary that has already been drawn, the 'Clear Boundary' option can be used to do so immediately.



Cancel



Sites : Default Status for Devices as "Assigned"





Description:- Here we are introducing default status for devices as 'Assigned' which means if user want to create a site so the default site created on unassigned devices on map page has area of 10*10 m and for default sites, the device shall be set to 'Assigned' rather than Include on creating boundary and If the boundary is removed, the assigned devices should still be visible in the list and if user has marked all device as "Assigned" & then deleted the boundary, then clicking on "Confirm" button, should not allow user to save.

SITE DETAILS: Overview



On the map, click a Site's name from the list on the right to be taken to that Site's complete details page. A **Site** is a named Mark device; if you need to name your new device, this is where you do it.

All of the device's information can be found on the right side of this page, including the Sitename, device ID, GPS Site, battery percentage, time of last sync, and any connected external sensors such as soil probes or anemometers.

Here you can add tags (e.g., alfalfa, strawberries, greenhouse) to the Site; these tags can searched and referenced via the **Search** page.

Top right are quick links to the **Export** and **Graph** pages.

In the following slides we'll explore the **Weather**, **Water**, & **Plant** tabs. Click on any of the words underlined in blue (e.g., **Current Conditions**) to see detailed descriptions of the measurements and other helpful information.



SITE DETAILS: Weather Tab (1 of 2)



Detailed weather measurements can be found on this tab. **Current Conditions** shows climate conditions for the selected location, like humidity and solar radiation. **Today's Temperature** shows a low and high temperature for the day, as well as expected rainfall.



SITE DETAILS: Weather Tab (2 of 2)



The graphs at the bottom show **Hourly** & Daily Rainfall and Hourly & Daily Wind Speed. Without an attached anemometer, we will show remotely sensed wind.

Both observed (grayed, to the left) and forecasted (white, to the right) data are shown for the day selected. You can scroll to the left or right to see past and forecasted values. For hourly, we show 48 hours' observed data and 48 hours' forecast. For daily, we show 14 days' observed and 10 days' forecast data.

Use the blue <> arrows at the top of each graph to change the time/date.



SITE DETAILS: Plant Tab (1 of 2)



Export Lill Graph

The **Plant** tab shows a Sites plant measurements, a critical component to understanding crop outcomes.

The Irrigation Overview provides a daily summary of both Evapotranspiration and Precipitation.

These two measurements are also shown below, with observed and forecasted accumulations.



SITE DETAILS: Plant Tab (2 of 2)





If a season has been defined for the location (set on the Seasons page), **Cumulative Growing Degree Days** and **Crop Growth Stages** will be displayed on this page.

Chlorophyll Index and NDVI are

also shown on this page in absolute value and weekly percent change.

Hover your cursor over the graph to see daily values.



GRAPH: Overview

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Search



Select **Graph** from the left-hand menu to visit this page. Here you can combine weather and plant data at one or several Site, all in one view.

In the **Time** view, pick your Site(s), measurement(s), and date range (e.g., last 30 days) before clicking Graph to view your data.

Most measurements have an hourly option and allow the use of a slider at the bottom to focus in on specific time events.



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RANK: Overview



To see how each Site ranks against the others, toggle to **Rank** at the top of the page. Select your preferred measurement (e.g., growing degree days, solar radiation, NDVI, etc.) from the Sort By dropdown to rank your Sites by that measurement.
EXPORT: Overview

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۵		Absolute Foods 🗸	All Teams	~
♥ Map				
Analysis	∠∕ Graph			
다. Sites	لظ <u>ار</u> Rank			
Alerts	Analytics			
<u>زې</u> Settings	Export			
O				
Search				

Export

Site Enter site name or device ID	1.test1	12		\checkmark		
Granularity Select all, hourly, or daily data tables.		All		Hourly	Dail	y
Measurements Will change dependent upon granularity.		All				
Date Range From first deployment date to today.		18-Apr-2022	03	-Aug-2022		
Units Select your measurement units.	ŀ	nches	or	Millimeters		
	Fat	nrenheit	or	Celsius		
	м	illibars	or	Kilopascals		
	Miles	per hour	or	Kilometers per hour	ог	Meter
Format Select export format.		csv				

To export site data, visit the **Export** page and select the site, granularity, date range, and preferred units, then click **Export** to download data as a CSV. The file can be opened with all CSV-compatible platforms, e.g., Excel or Google Sheets.

The export contains summary information at the top (e.g., Date Range and Number of Records) and detailed time-series data below.

Select multiple Sites in the Sites drop-down in order to export data for more than one Site at the same time.

on changing **Teams/ Orgs** from dropdown, the **Sites** dropdown data will also get updated.



ANALYTICS : Overview



Select **Analytics** from the left-hand menu to access the two dashboards we have recently written about, **Site Deep Dive** (single Site) and **Compare Across Sites** (multi-Site). Toggle between them here.



Interested in something specific? To request a specific model or dashboard (or to discuss feasibility for a data ingest/integration project), reach out your partnership manager.

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ANALYTICS : Compare Across Sites, Water Tab



Compare Across Sites, Water displays precipitation, ETc accumulation by Site, crop water balance by Site, and average soil moisture at top depth by Site. Top 3 Sites for each measurement are in the right-hand column.



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ANALYTICS : Compare Across Sites, Weather Tab



Search

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Export

Compare Across Sites, Weather displays precipitation by Sites, heat stress days, vapor pressure deficit, and temperature extremes. Top Sites for each measurement are in the right-hand column.

0	rganization		Team							
	AAFC	\sim	All Teams	\sim					Compare Across Sites	Site Deep Dive
Water	Weather	Plant							-	
Controls	Device All	Site All	Start Date 202	20/03/01 00:	End Date 2022/12/31 00:	Display Units Imperial	Country All	Tenant All	Chill Hours Temperature Thres 3	6 🖌 🖌

Compare Across Locations Version 1.0.0: Select multiple devices or locations and enter your date range in the control panel. Use Group By on X axis to drill up or down to view different time scales.

Daily Precipitation by Location (in mm)





ANALYTICS : Compare Across Sites, Plant Tab



Compare Across Sites, Plant displays NDVI by location, peak NDVI, cumulative growing degree days, chlorophyll index, sunshine duration, sunshine hours, & growing season summary. Top Sites for each measurement are in the right-hand column.



Compare Across Sites Version 1.0.1 : Select multiple devices or Sites and enter your date range in the control panel. Use Group By on X axis to drill up or down to view different time scales.





ANALYTICS : Site Deep Dive, Water Tab



Site Deep Dive, Water displays ETc plotted with rainfall, crop water balance, top depth of soil moisture with refill point and field capacity lines, and precip as a percent of ETc. Extreme days are shown in the right-hand column.



ANALYTICS : Site Deep Dive, Weather Tab



Group By: time (DAY)

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ANALYTICS : Site Deep Dive, Plant Tab







DISTRIBUTOR: SETTINGS



You can navigate to Distributor page by clicking on **Distributor icon** under Settings as a Distribution Channel Partner.



DISTRIBUTOR PAGE





Unassigned:

Count should be displayed, and it should be equal to the total number of devices that really are part of the distributor.





Distributor- Organization Summary





Distributor - Assigned Devices

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Analysis >		To do
다 Sites		lf y
ے Alerts		
Settings >) Devices	
Q Search	♀ Seasons	
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	Distributor	

Assigned Devices

To view the devices associated to a specific organization, please select the organization from the "Source" dropdown menu.

If you wish to move any devices from one organization to another, please select the devices you wish to move from the source organization, then select an organization from "Destination" the drop-down, and press Return.

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006687				
006687				
COO6687		Retu	urn	



Distributor - Confirmation Pop-Up



Distributor Device Stats



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Distributor - Unassigned Devices



Confirmation Pop-up



Distributor Device Stats





Note:

After clicking the 'Confirm' button, a successful pop message will appear, and the stat assigned count on devices will increase while the unassigned count will decrease.



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> Q Search

(a) Devices

P

Seasons

∯ Alert

Settings

Teams Account

Distributor - Active Device Pop-up





Distributor



Distributor - Create New Organization

۵			Cr	eate New Organi	ization	
о Мар		Organization Name	2			
alysis >		Guru				\checkmark
다. Sites		Source				
Д lerts		arable-team				~
ር j}ን ings እ	(a) Devices	Assign Devices				
2 arch	Seasons	C004681 🗸	C006877 +	C009665 +	C005430 +	C007712 +
	Alert Settings	C009024 +	C005135 +	C009070 +	C005449 +	C012035 +
	Teams	C009125 +	C007485 +	C007659 +	C004543 +	C003359 +
	Account					· · ·
	.or]
			Cancel		Cont	lirm



Successful Message





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Distributor



Devices Stats





Note:

- After clicking the 'Confirm' button, a successful pop message will appear and the stast **Assigned** count on devices will increase while the **Unassigned** count will decrease.
- Also the page will be navigated to the Team page after clicking 'Go To Teams'.





Distributor - Teams Page



Distributor - Teams Page_Invite Member

$\mathbf{\Lambda}$		Organization	Team	Invite Mer	mber to Organization	^		
			All Teams	New	Current			
● Map			Teams	First Name	Last Name	Sit	es	
Analysis			0	Member first name	Member last name	0	0	
다. Sites			Assigned	Email Address		Assigned		
ے Alerts				Member email		+ Invite Member		Team
کې Settings	(a) Devices		Team Name — Man	Select Role	~	- mone richder		(CONT)
Q Search	∳ Seasons		rear van	Select Team(s)				
	G Alert Settings		Administrators (1) T	Select Team(s)	Add			n.
	P Teams			Teams & Roles				
	Account			Please enter the member team or teams from the dr	information, assign a role and select a op down above and click "add".			
	Distributor						Activate Go to Setti	Windows
••••	test.arable.co	om/dashboard/settings		Cancel	Confirm			() Help



Distributor - Teams Page_Create New Team

^		Organization	Team						
6			All Teams						
● Map				Teams	Create Nev	v Team	×	es	
Analysis			0		Team Name		0	0	
다 Sites				Un	Type the team's name		Assigned		
ے Alerts					Add or Remove Members		- Invite Member		Feam
ر Settings	(a) Devices		Toom Nome	- Mamh	Select Team Members Add or Remove Sites	~			
Q Search	Seasons		Administration	(IN TA)	Select Sites	~			
	Alert Settings			(1) (0)	Add or Remove Devices				·
	P Teams				Select Device or Locations	~			
	Account				Cancel	Confirm			
	Distributor							Activate Go to Settir	Windows Igs to activate W Thelp
https://app	test arable c	om/dashhoard/settings							BI



Analysis : WATER



There is an optional feature in the web application called 'Water'.

To navigate to the 'Water' (Multi-site) page, click on 'Water' under the Analysis icon.

*Why we are introducing Multi- Site View ?

Irrigation managers often face trade-offs when deciding which sites to irrigate and for how long. To make informed decisions, they need to understand the water stress, demand, and irrigation deficiencies of each site. A multi-site view can provide instant insights, allowing managers to prioritize their sites and make necessary changes to their irrigation management practices.



Multi-Site View





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4 Analysis

당 Sites

₹<u>}</u>} Settings

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Search

Overview Of Multi-Site Top Bar Selector





Map

Sites

Alerts

Overview of Multi-Site Water table

	Organization		Team			
	Bayer Br	eeding 🗸	All Team	s 🗸		
	 Site Name 	Irrigation to Replace ETc	 Last Irrigation Runtime 	Proximity to Refill Threshold	✓ Heat Str Hours	ess
Graph	1-Olmeneta		8 		0	-
Water Mater Rank	Agricola C012489	62:23 hrs	04/02 07:44 hrs	+1216.7%	10 Manual Irrigat	ion
	Device	ID	Battery Status		Validate Sense	ors
Export	C01248	39	100%	<u>w</u> 1	≓° ●	:
		a a a a a a a a a a a a a a a a a a a	Done with valida	ition		
	Agricola Giadela	08:18 hrs	04/02 07:44 hrs	-	10	
		<< < 1	2 3	4 > >	>>	

* The multi-site view can be accessed from a new drop-down icon located on the left-hand side of the Arable Homepage, under the Analysis icon.

* The multi-site table displays measurement data based on the current date, and a colour-coding scheme is used to indicate data from the previous seven days.

* Each site has three dots that reveal a manual irrigation option, where you can set the irrigation parameters similarly to the single water modal.

* Clicking on "Validate sensor" option allows you to see device information.

* To access device information, go to **"Device info"** and click on **"Validate sensors"** under the three dots. You can validate sensors based on the device type (Mark 2/3).

For Mark 3 devices, the connected sensor modal will be static, except for the irrigation sensor flow rate, which you can adjust to your needs using the **GEMS PS41 Series Pressure Switch**.

ARABLE



Modals : Validate Sensor & Manual Irrigation



- Date - Amount User	



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Overview of 'Irrigation to Replace ETc'

*The irrigation hours required to meet the specified Replacement ETc can be viewed on the Arable Web Water page's Water Balance visualization. 5

● Map

4 Analysis

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لُمُ Alerts

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Q Search

More

The Replacement ET % is set by the user and defaults to 100% if a Growth Stage is defined for the measurement period otherwise, it is set to 0%.

This value is only displayed if a flow rate for a GEMS Pressure Switch has been configured for the site.

For the last 7 days **Green** = 2 or less hours **Yellow** = 3 to 8 hours **Red** = 9 or more hours

ganization		ream				^			<u> </u>		~	
Arable - Wine Co	~	Vineyard Manag	ement 🗸			Water Balance	🚊 Irrigati	on	Soil Moistur	re	() F	leat Stress
Site Name	Irrigation to Replace ETc	Runtime	Proximity to Refill Threshold	Heat St Hour	ress s							Last 7 Day
sso Vineyards	2:00 hrs	3/27 21:00 hrs	+44.4%	0	:				7-1			
hard Farms	3:12 hrs	3/25 00:31 hrs	+7.8%	8	:			J	1.R	100		
e Rain eyards	3:23 hrs	03/21 01:00 hrs	+27.3%	2	:					1		
woods Farm	1:01 hrs	03/211 00:45 hrs	+2.5%	5	:				1 AC		A	K
en Brothers lars	8:00 hrs	03/18 05:00 hrs	-20.3%	17	:	- alas	TETE	The.				$\int \mathbb{R}$
									2.0	-		
						K. Story	3 63	1 Cast	Sector P 2	and first the		
								Mr.		- 11-3	1	
						Irrigation to Replace ETc				8 hours	2 - 8 hours	2 hours
						Irrigation to Replace ETC	2		• • •	8 hours	2 - 8 hours 2	2 hours
						Irrigation to Replace ETC 1 Irrigation to Replace ETC	2		● c1	8 hours	2 - 8 hours 2	● < 2 hours
						Irrigation to Replace ETc 1 Irrigation to Replace ETc	2	2/112	• <1	8 hours	2 - 8 hours 2	 < 2 hours < 2 hours
						Irrigation to Replace ETc 1 Irrigation to Replace ETc Paraeods fam Lase Vineyards	2	Mir	• <	8 hours	2 - 8 hours 2	 br c 2 hours ■ < 2 hours
						Irrigation to Replace ETC 1 Irrigation to Replace ETC Planeods Fam Lase Vineyards Orchard Fams	2	Mit	• <1	8 hours	2 - 8 hours 2	≥ x = 5 = < 2 hours = 1 €
						Irrigation to Replace ETC 1 Irrigation to Replace ETC Farwoods Farm Lasso Vineyards Orchard Farms Law Rain Vineyards	2	2 Mines	•	8 hours	2 - 8 hours 2	2 × 5 / 1 ■ < 2 hours ■↑ €
						Irrigation to Replace ETC 1 Irrigation to Replace ETC Firmeods Farm Laiso Vhreyards Cechard Farms Lare Rain Vhreyards Seven Biothers Callars	2			8 hours	2 - 8 hours 2	 < 2 hours < 2 hours
						Irrigation to Replace ETC 1 Firegation to Replace ETC Firegation to Repl	2			8 hours	2 - 8 hours 2	 ≥ t our = < 2 hour = 1 €.



* The status bar for **Irrigation to Replace ETc** indicates that sites requiring more than 8 hours of irrigation to replace ETc are colored red. If they require between 2 to 8 hours, they will be colored yellow, and if they require less than 2 hours, they are colored green. Sites without pressure switches will not be included in the status bar. Manually entered irrigation events will not be displayed here, on the map, or in the benchmark graph.

*The Irrigation to Replace ETc Benchmark Graph shows the

irrigation hours required to meet the defined Replacement ETc. The Replacement ET% is set on the Arable Web Water page, Water Balance visual. If a Growth Stage is defined for the measurement period, it will default to 100%, otherwise, it will be 0%. This value will be displayed only if a flow rate for a Gems Pressure Switch is configured for the site.

Overview of 'Irrigation to Replace ETc'



Overview of 'Last Irrigation Runtime'

5

• Map

4 Analysis

<u>لَمُ 10</u> Alerts

Settings Q Search

* The date and amount when an irrigation event was last observed using data from the pressure switch or from data which was manually entered on the Water tab for that site.

* Last irrigation runtime : Timestamp of last irrigation event and hours of runtime. No colour coding for data.

* If there was no irrigation event in the last 7 days, the column will remain blank with "--".

*If an irrigation event is currently taking place we will display **"Currently Irrigating**".

		ream			A			~			A	
Arable - Wine Co	~	Red Wine Team	~		Water Balance	<u>∓</u> In	rigation	0	Soil Moisture		Heat Str	ess
Site Name	 Irrigation to Replace ETc 	- Last Irrigation Runtime	Proximity to Refill Threshold	Heat Stress Hours						Ē	Last	7 Days
sso Vineyards	2:00 hrs	3/27 21:00 hrs	+44.4%	o :	N PAR			7		1		
chard Farms	3:12 hrs	3/25 00:31 hrs	+7.8%	8 :				C,				
te Rain Teyards	3:23 hrs	03/21 01:00 hrs	+27.3%	2		(20)	10000			্থ		
rtwoods Farm	1:01 hrs	03/211 00:45 hrs	+2.5%	5 :			pr.	and a				
ven Brothers Ilars	8:00 hrs	03/18 05:00 hrs	-20.3%	17 🚦	AL						14	i
						State State State						
					States and a second second	N Hope Street Have						
					A State				tr .	return 1		No.
									T.A.			The second secon
					Irrigation Runtime Hours					< 4hrs	- 20 hrs	> 21 h
					Irrigation Runtime Hours	3	9		1	< 4hrs 5	i- 20 hrs 🔹	> 21 h
					Irrigation Runtime Hours	3	<u>M</u> k		1	< 4hrs	i- 20 hrs 1 E_1	> 21 F
					Irrigation Runtime Hours	3	<u>I</u>		1	< 4hrs 5	- 20 hrs ■ 1 ≣1	> 21 F
					Irrigation Runtime Hours Irrigation hours Fatteoods Fatte	3			1	< 4hrs 5	i-20 hrs 1 =1	> 211
					Irrigation Runtime Hours Irrigation hours Farmonics Farm Lasso Streyards Orchard Farm	3			1	< 4 hrs	- 20 hrs ■ 1 ≣1	> 211
					Irrigation Runtime Hours Irrigation hours Fattwoods Fatter Lasso Wenyards Orchwel Fatters Latte Rista Venyards Latte Rista Venyards	3	94		•	< 4hrs 5	i-20 hrs ■ 1 ≣1	> 211
					Irrigation Runtime Hours Irrigation hours Fatawoods Fam Lass Varyands Orchard Fams Late Ran Varyands Seem Bruthers Calars	3	974		•	< 4 hrs	- 20 hrs ■ 1 ≞1	> 211
					Irrigation Runtime Hours Irrigation hours Fatawoods Fam Lass Varyands Orchard Fams Late Ban Varyands Seem Bruthers Calars 2016	3			1	< 4 hrs	- 20 hrs 1 =1	> 21 h

Overview of 'Last Irrigation Runtime'

* In the Status Bars, for the last seven days, irrigation sites are color-coded based on the number of hours they have received irrigation. Sites that have received over 21 hours of irrigation are colored dark blue, while those that have received between 5 and 20 hours are colored blue. Sites that have received 4 or fewer hours of irrigation are colored light blue. Please note that sites without pressure switches are not included in the status bar.

In the Benchmark Graphs, the total number of hours that each site has been irrigated over the past 7 days is being reported.



Overview of 'Soil Moisture'

Proximity to Refill Threshold refers to the distance from a site to the soil moisture refill point, expressed as a percentage. It is calculated by subtracting the refill threshold from the mean soil moisture for the measurement period (as a percentage of field capacity). If no soil probe is attached or if the soil moisture measurement has not been configured in the soil moisture graph below, this value will appear blank. The Water tab for each site with a soil moisture probe is where this value can be configured.

For the last 7 days Light Blue = 4 hours or less Blue = between 5 and 20 hours Dark Blue = 21 or more hours.

More

Organization Arable - Wine Co		Team			
		Vineyard Management 🗸			
Site Name	 Irrigation to Replace ETc 	- Last Irrigation Runtime	 Proximity to Refill Threshold 	✓ Heat Stress Hours	
Lasso Vineyards	2:00 hrs	3/27 21:00 hrs	+44.4%	10	:
Orchard Farms	3:12 hrs	3/25 00:31 hrs	+7.8%	12	:
Late Rain Vineyards	3:23 hrs	03/21 01:00 hrs	+27.3%	21	:
Flatwoods Farm	1:01 hrs	03/211 00:45 hrs	+2.5%	18	8
Seven Brothers Cellars	8:00 hrs	03/18 05:00 hrs	-20.3%	16	:



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Overview of 'Soil Moisture'

The 'Proximity to Refill Threshold' status bars indicate the proximity of sites to the refill point. If a site is at or below the refill point, it will be colored red. If it is within 10% above the refill point, it will be colored yellow, and if it is above 10%, it will be colored green. Sites without soil probes will not be included in the status bar.

The benchmark graphs indicate the proximity of a site to the refill point set in the soil moisture graph. This value is calculated as the mean soil moisture for the measurement period (as a percentage of field capacity) minus the refill threshold. If no soil probe is attached or if the soil moisture measurement has not been configured in the soil moisture graph below, this value will appear blank.



The Heat Stress Hours metric represents the total number of daylight hours in which the air temperature has been above the crop-specific GDD (Growing Degree Day) max temperature threshold for the selected time period at the site.

If the GDD max temperature threshold has not been defined for the crop in the system, a default value of 96°F is used.

For last 7 days: **Green** = <5 hours Yellow = 5-15 hours **Red** = > 15 hours

Overview of 'Heat Stress'







Overview of 'Heat Stress'

The **'Heat Stress Hours'** status bars indicate the level of heat stress experienced by sites. Sites with more than 15 hours of heat stress will be colored red. Sites with between 5 and 15 hours of heat stress will be colored yellow, and sites with less than 5 hours of heat stress will be colored green.

The benchmark graphs for Heat Stress Hours show the total number of daylight hours in which the air temperature has been above the crop-specific GDD (Growing Degree Day) max temperature threshold for the selected time period at the site.

If the GDD max temperature threshold has not been defined for the crop in the system, a default value of 96°F is used.



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Overview of Multi-Site Map View

The icons on the map will change according to the selected metric, as the user navigates between the different metrics using the top bar icons. The Map View icons will be highlighted using the color-coded logic.

Water Balance View





Heat Stress View



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Soil Moisture View



Irrigation View

If users have no sites configured they will see a prompt to set up Sites

If an organization or team does not have a site, clicking on the 'here' sublink will take you to the Create Site Modal page.

As a result, the user will need to create a new site and season.



ge.arable.com/dashboard/analysis/multisites/list/(tab:multiSiteWater)



Mark(s) and click here to create a new site and season.



SINGLE SITE DETAILS: 'Water'

			7					
Organization	Team	Weather Plant	Water N	otes	Export III Gra			
arable-team	Jan Forslow							
Jan's Backyard B301206		Water Summary						
C	orn - RM100	Water Balance Change	Irrigation to Replace ETc	Soil Moisture	Total Heat Stress Hou			
🖽 01/01,	/23 - 04/26/23 🗸	0"		- 27.9%	0			
Marin County, CAL Fire Northern Region, California, United States		Precipitation + Irrigation - Replacement ETc	Temperature Threshold: 86°F					



Overview of 'Single Site Water' page components



37.84964, -122.48019

On the Single Site Water page, you will find a site description that includes the site name, crop and varietal, the season duration that was created, and the device



Overview of 'Single Site Water' page components

Water Balance Change: This was previously filled with cumulative Water Balance values and shall now be filled with values from the Water Balance Change row in the table. This denotes the equation: Precipitation + Irrigation - Replacement ETc and is the amount of water needed to match desired water balance for the week.

Irrigation to Replace ETc: The irrigation system runtime needed to meet the defined Replacement ETc. The Replacement ET % is set in the Arable Web Water page, Water Balance visual. It will default to 100% if a Growth Stage is defined for the measurement period and otherwise it will be 0%. This value will only populate if a flow rate for a Gems Pressure Switch has been configured.

 Water Summary

 Water Balance Change
 Irrigation to Replace ETc
 Soil Moisture
 Total Heat Stress Hours

 + 52380.1mm
 0
 0
 0
 0

 Precipitation + Irrigation - Replacement ETc
 Runtime needed to replace Target ETc
 Proximity to Refill Threshold
 Temperature Threshold: 30°C

Soil Moisture: If the soil moisture reference values have not been defined by the user or if there is no probe attached to the site then there will be no data displayed in this visual.

Total Heat Stress Hours :The total number of daylight hours during which the air temperature is above the GDD max temperature threshold for the crop at the site since the start of the current season. If the GDD max temperature threshold is not defined for the crop in the system, then a default of 96°F is used.

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'Single Site Water' : Components : - Water Details

When you land on the single site water page, the water details table will display weekly historical data, current data, and forecast data.



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	D				
wate	er Detail	S -			
	Day	,	v (0)	Water Balan	ce 🗸
Tir	neline	Water Balance Change	Replacement ETc	Precipitation	Irrigation
Apr 4 - 10 (Next 7 Days)		1.7mm	8.3mm	10mm	-
Apr 4 (Today)		41 <mark>1</mark> 55.4mm	1.6mm	Omm	41157mm
Apr 3 (Yesterday)		52380.1mm	1.5mm	Omm	52381.7mm

Growth Stage view 'Heat Stress' data

	Month view Soil Data											
Wate	er Details											
88 Month		\sim	Soil		~							
Timeline		Soil Moisture	Soil Moisture Change		Proximity to Refi Threshold							
Apr 4 (Next 7	- 10 Days)											
Apr 1 - (This M	· 4 Ionth)	170.1%	-0.6%		+100.1%							
Mar 27	7 - 31	170.7%			+100.7%							

Water Details										
	Growth Stage	~		Heat Stress	~					
Tir	meline	Heat Stress H	ours	Total Heat Stress Hours						
Apr 4 - 10 (Next 7 Days)										
plantiı (Curren	ng date t)	0		0						



\sim

'Single Site Water' : Components : Growth Stage

Based on the number of 'Growth stages' created while creating a 'Season', you will see this information in the Growth stage bar line.



The Growth Stage feature in our application marks the physiological development of a plant throughout its life cycle, which is primarily driven by heat, light, or the combination of both. These stages occur at progressive Growing Degree Days and are unique to a crop or even a varietal. They are essential for a range of timed applications and events, such as irrigation, inputs, pests/disease risk, frost risk, deficit irrigation strategies, and insurance policies. We offer default Growth Stages for some varieties, but users can also edit or enter their own if they have the necessary information.



'Single Site Water' : Components : Water Balance

Users can view a graph with their water inflows and outflows broken down by daily, weekly, or monthly views. Inflows (precipitation and irrigation) will be stacked and colored as shown below, and outflows (ETc and replacement ETc) will also be stacked and colored accordingly. The values of each bar will be expressed in either millimeters or inches depending on the user's settings. The default view will show weekly values. Forecasted data will have a white backdrop, current day's data will have a shaded backdrop, and observed data will have a gray backdrop. Forecasts for the following timestamps will be aggregated as follows: daily - next 7 days, weekly - next 1 week, monthly - no forecast (since we don't have a monthly forecast available for the next 1 week), growth stage - no forecast since we don't predict future growth stages.

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ETc (evapotranspiration) : This represents the Arable Canopy Evapotranspiration at the site for the given measurement period on the x-axis. If there are multiple Marks associated with the site, their individual ETc values will be averaged.

Replacement ETc is the percentage of ETc that you would like to replace through irrigation. This can be configured by clicking on the three dots located on the right-hand side of the modal. For example, to irrigate and replace 80% of the observed ETc, a user can set the value for the current growth stage to 80. The values between 0 to 200 are accepted.

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'Single Site Water' : Components : Sub Option of Growth Stage

* User can set the irrigation manually and ETc Replacement %, which is showing in below option:-







'Single Site Water' : Components : Sub Option of Growth Stage

Enter manual irrigation amounts and runtimes on a pop up visual as the water balance. This will adjust the running water balance equation for the entire site's history. Users may enter amounts in inches or millimeter.

		Entry	7 Table (Historical)		
					E
- Date	- Amount		👻 User		
Aug 16, 2022	457.2 mm	:	test.automation@arable.co	om	:
Oct 4, 2022	25.4 mm	:	poweruser+arable-team@arab	ole.com	÷
Dec 4, 2022	2 mm	:	vishal.gupta@arable.cor	Copy Amount to	New Date
Dec 6, 2022	118 mm	:	vishal.gupta@arable.con	n	:
Jan 10, 2023	254 mm	:	vijayapriya_orgadmin@arabl	e.com	:
Jan 11, 2023	304.8 mm	:	vijayapriya_orgadmin@arabl	e.com	:

Manual Irrigation

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'Single Site Water' : Components : Sub Option of Growth Stage

Enter ET Replacement %. The ET replacement % will determine the shaded area of the ET bar chart. If no ET replacement % is set then only ETc will be displayed on the graph. Set ET replacement percentages by growth stages. Enter values ranging from 0 to 200%. Default '% of ETc' values will be 100.

	200 range values)
Growth Stage	% of ETc
start	100.00
mid	100.00
end	100.00





View an average of selected depths of interest that soil moisture probe measures. Set a Field Capacity, Refill Threshold, and Permanent Wilting Point expressed based on soil textures.



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*If no soil probe has been detected, the graph will display a message that says "No soil probe has been detected. Please contact <u>support@arable.com</u> if you would like to add a soil moisture probe

*If one or more probes are detected, you can select different depths of interest to create a line depicting the average soil moisture of all of their depths.

Soil Moisture	
	No soil probe has been detected
	Please contact <u>support@arable.com</u> if you would like to add a soil moisture probe.
	Activate Windows





*If you have multiple probes associated with site, see the average of all of those depths across the multiple probes.arriving on the page users shall be prompted to select their depth(s) of interest.

Soil Moisture Please click here to set Depths of Interest and get started





*First, enter reference lines for Field Capacity, Refill Threshold, and Permanent Wilting Point.

NOTE: If the site has a soil probe, you MUST first add soil properties before setting a depth of interest and the stress point must be equal to or less than the refill point.





Choose from a drop down selector to choose the depths of interest. The drop down will show all available depths.Depending on the size of the probe(s) associated with the site, depths range from 10 cm to 120 cm.

Note: If the site has a soil probe, the user should first add soil properties before setting a depth of interest.

Soil N	Moisture									• Depth	(s) of inter 1, 50, 60, 70, 8	est Average 10, 90, 100, 110	e (cm) 3, 120	:
	🔿 10 cm	🕑 20 cm	🅑 30 cm	0 40 cm	0 50 cm	0 60 cm	🔘 70 cm	🕑 80 cm	🥑 90 cm	🔘 100 cm	🔵 110 cm	O 120 cm	6	Save
28.5														
28														
27.5														
26														
	Aug 29 - Sep	4	Sep 5 - 11		Sep 12 - 11		Sep 19 - 2	5	Sep 26 - Oc	12	Oct 3 - 10		Oct 9 -	15



