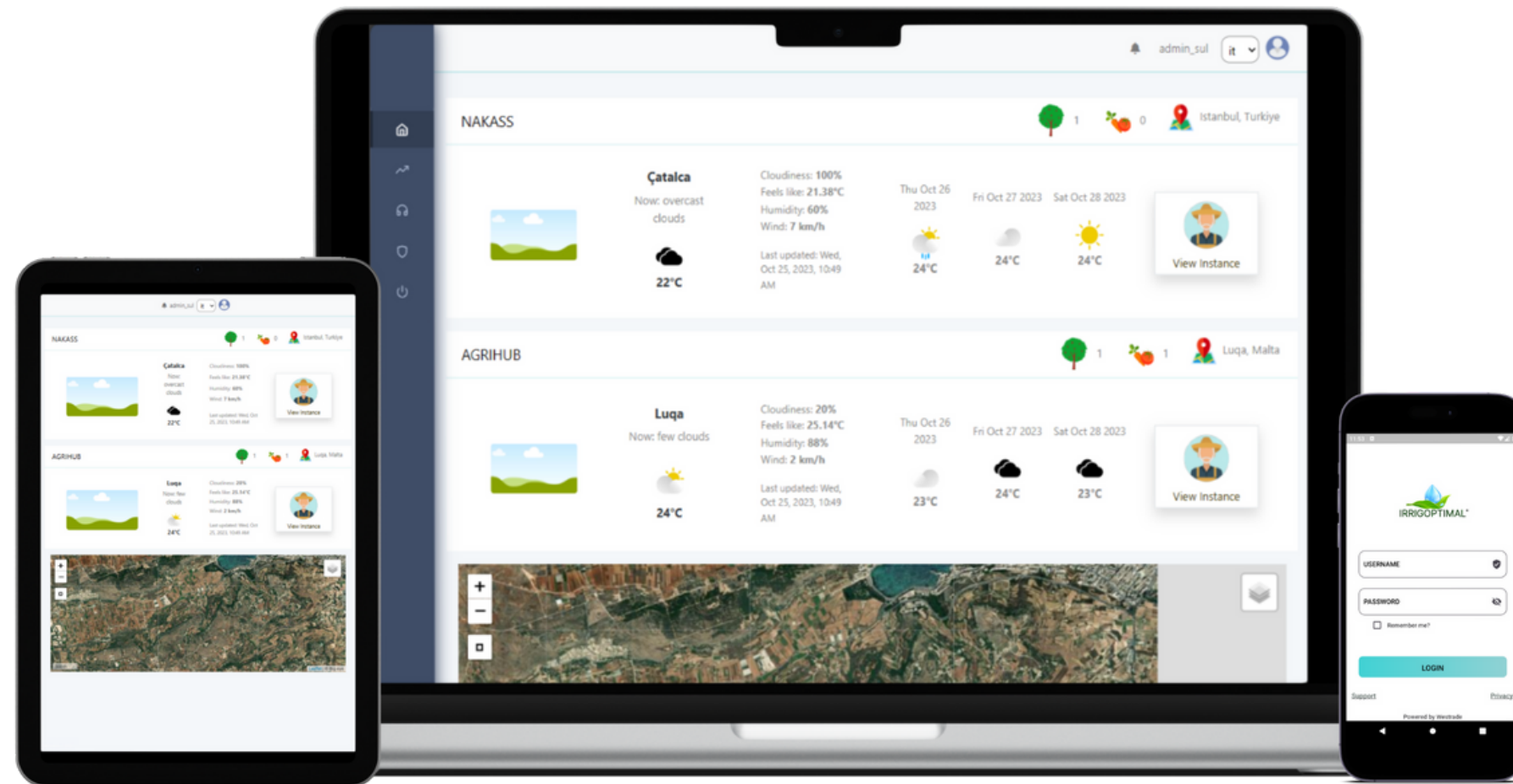




USER MANUAL

Web App

Log in Page

Go to the following website:
<https://www.irrigoptimal.com/>

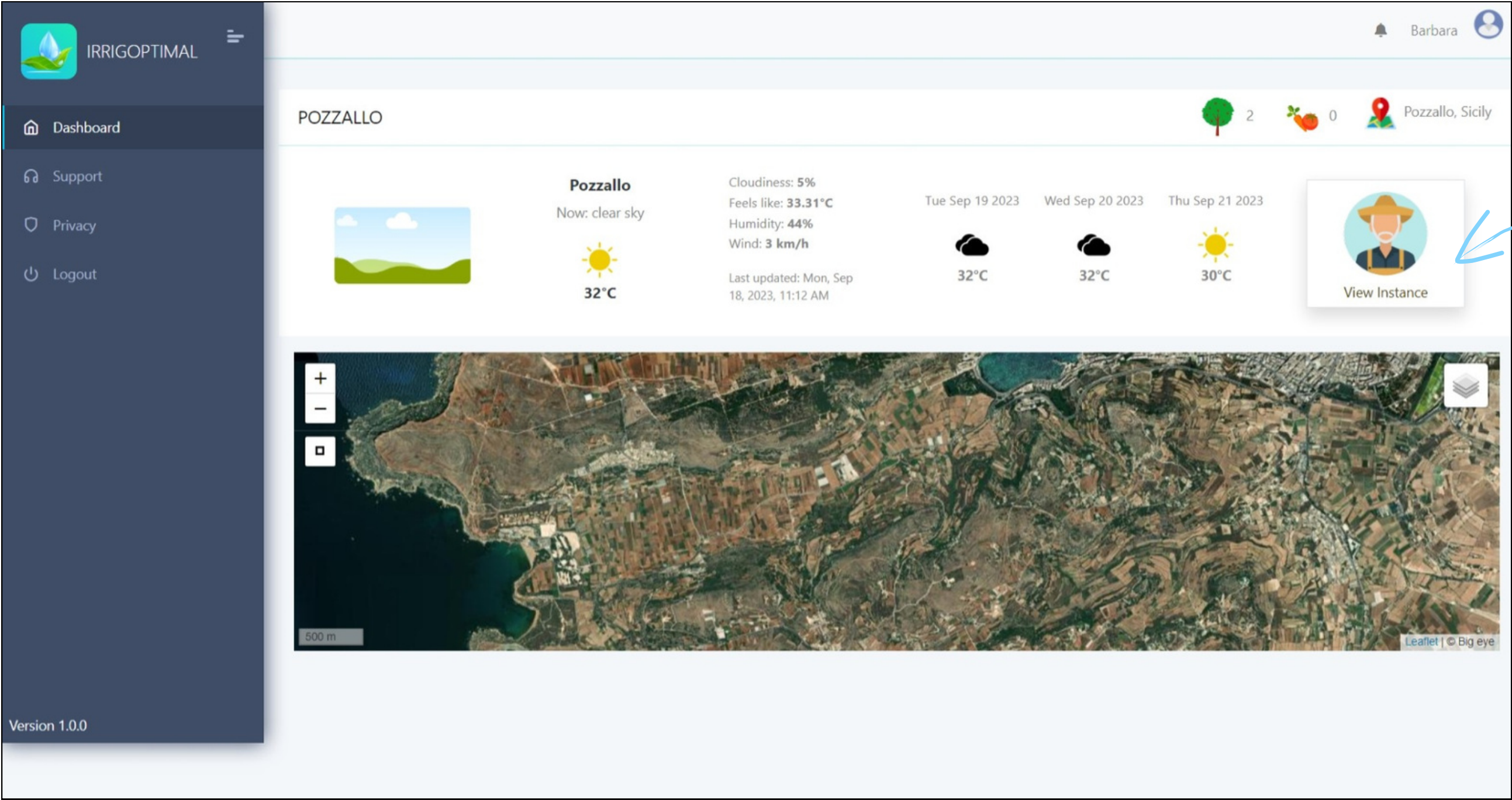
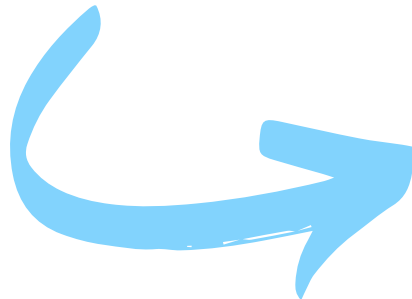
Enter your credentials
- **username** and **password** -
provided by the WES Trade
team

Login

The image shows a composite of two parts. On the left is a white login form with the IRRIGOPTIMAL logo at the top, which consists of a blue water drop on a green leaf. Below the logo are two input fields labeled 'Username' and 'Password', followed by a teal 'Login' button and a link for 'Forgot Password?'. At the bottom, it says 'Powered by Wes Trade LTD' with a small logo. On the right is a banner image of an irrigation system in a field at dusk. Overlaid on the banner is the text 'Welcome To IRRIGOPTIMAL™' in large white letters, followed by 'The integrated platform to support precision agriculture and tackle water scarcity' in smaller white text.

“Your Field Page”

Control Panel



Open your instance here



Instances

Inside the **instances**, you will find all the MODULES for each crops relating to your field and all the information necessary to carry out the management. Once crop monitoring is finished, the instances can be deactivated.

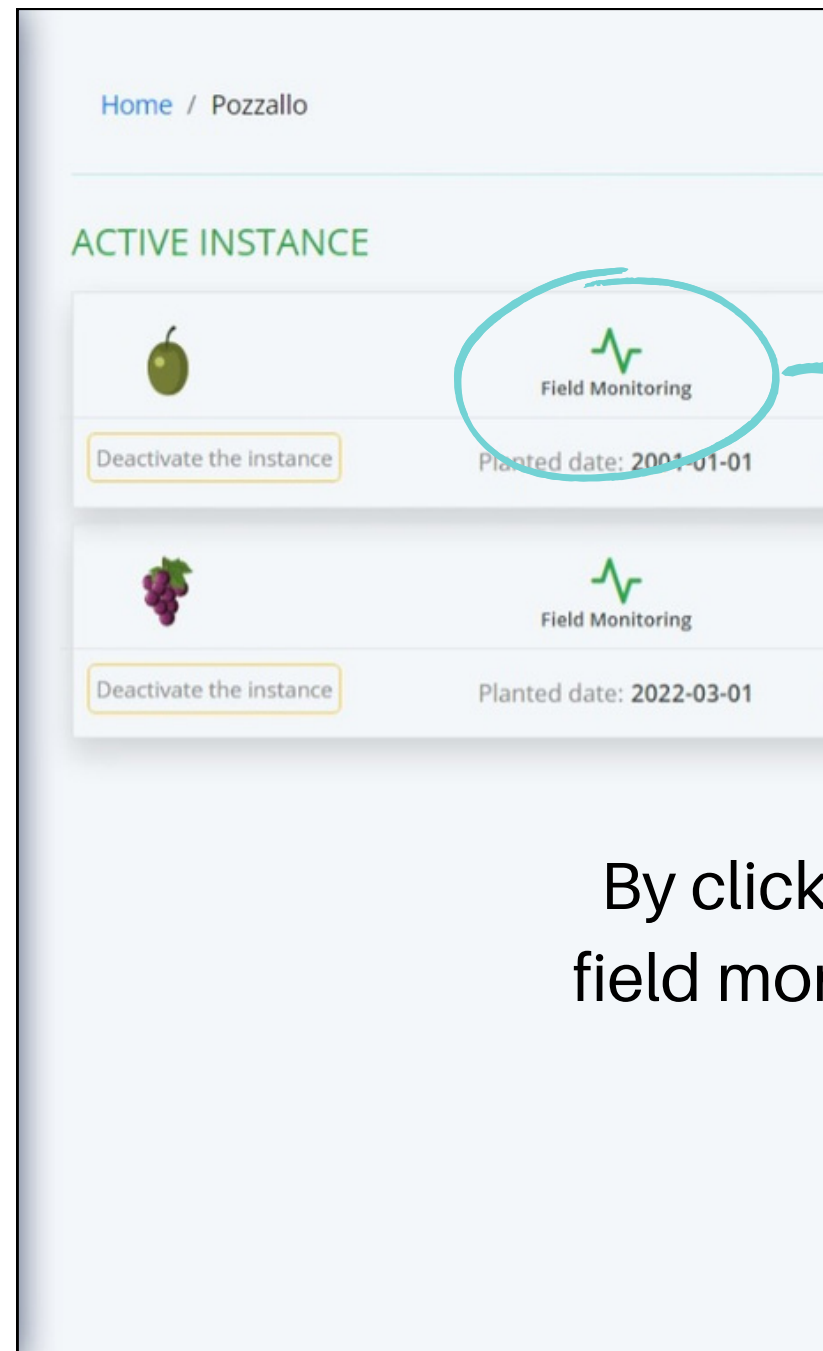
The screenshot displays the IRRIGOPTIMAL dashboard interface. On the left is a dark blue sidebar with the IRRIGOPTIMAL logo and navigation links: Dashboard, Support, Privacy, and Logout. The main content area is titled 'Home / Pozzallo' and features a section labeled 'ACTIVE INSTANCE'. This section contains two rows of crop management cards. The first row is for a crop represented by a green olive icon, with modules for Field Monitoring, Irrigation Plan, Irrigation Control, and Disease Module. The second row is for a crop represented by a purple grape icon, with similar modules. Each card includes a 'Deactivate the instance' button and specific data like 'Planted date' and 'Irrigation for Today'. Hand-drawn blue circles highlight the 'Field Monitoring', 'Irrigation Plan', 'Irrigation Control', and 'Disease Module' icons in both rows. A blue arrow points from the 'Deactivate the instance' button of the first row to the sidebar. Another blue arrow points from the bell icon in the first row to a text box on the right. A third blue arrow points from the bell icon in the second row to the same text box.

Crop Icon	Field Monitoring	Irrigation Plan	Irrigation Control	Disease Module	Notifications
	Planted date: 2001-01-01	Irrigation for Today: 10008 L	Last Irrigation: N/A L	Disease Alert: N/A	Bell icon
	Planted date: 2022-03-01	Irrigation for Today: 18211 L	Last Irrigation: 25.00 L	Disease Alert: N/A	Bell icon

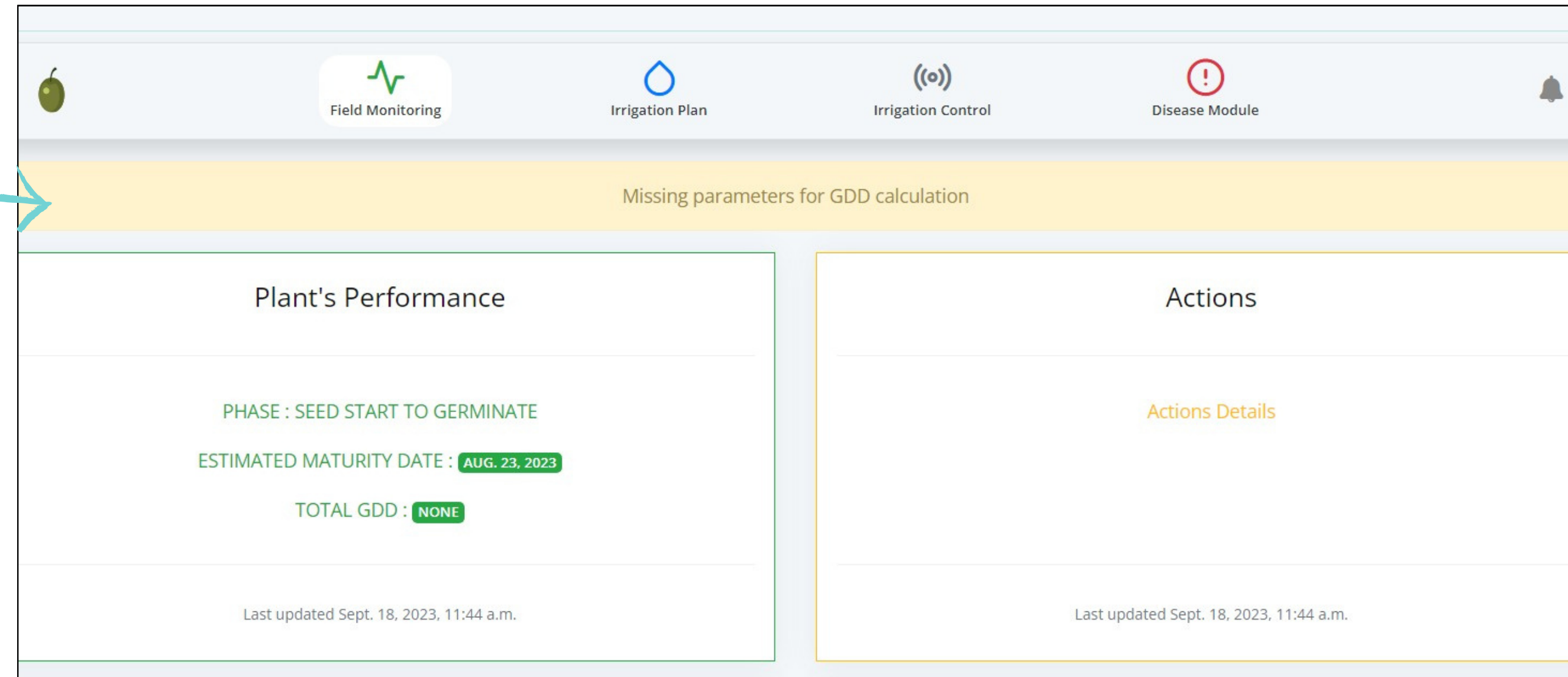
By clicking on the bell, you will be able to see all the notifications relating to the crop in question.

FIELD MONITORING

-All information relating to the crop-



By clicking on
field monitoring



You access **General** Information

FIELD MONITORING

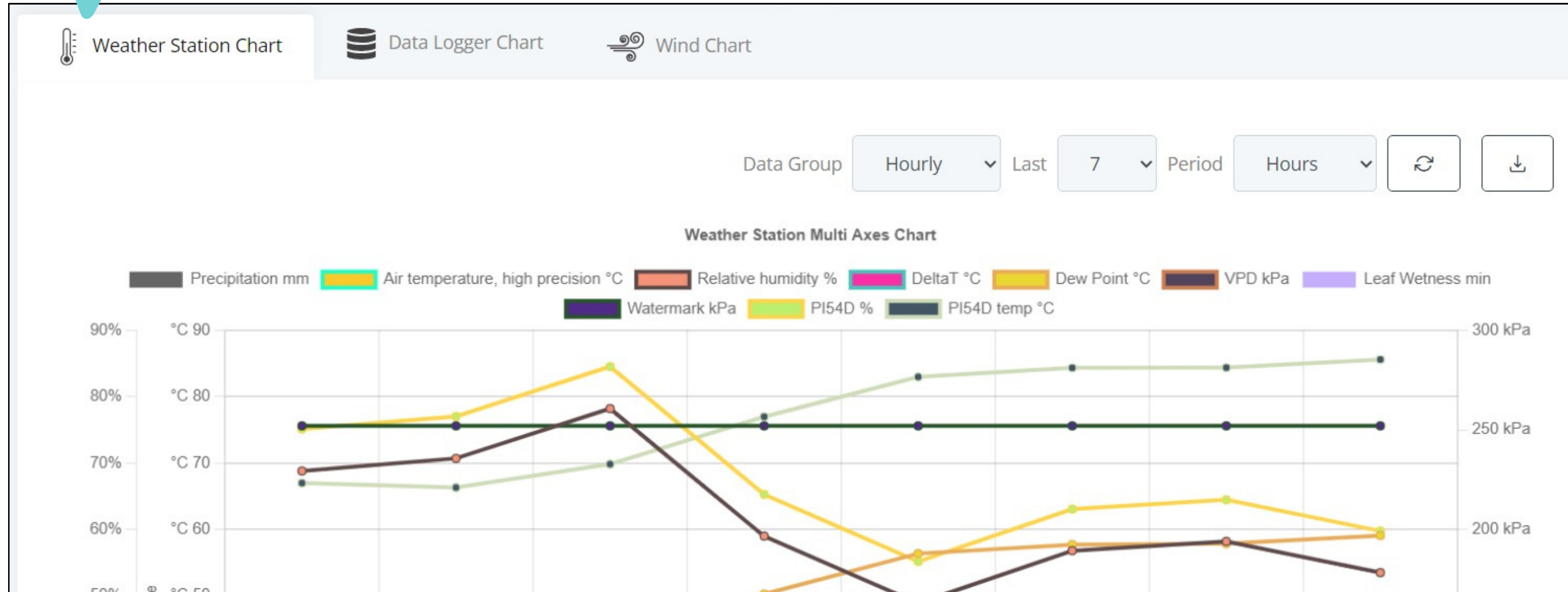
-All information relating to the crop-

Soil Information	Plant Information
SOIL GROUP	NAME
WATER HOLDING CAPACITY	SEED NAME
CLAY	PLANTED DATE
SILT	AVG GROWING DAYS
SAND	WORKING ROOT DEPTH

Soil and plant information

FIELD MONITORING

-Where to collect data-

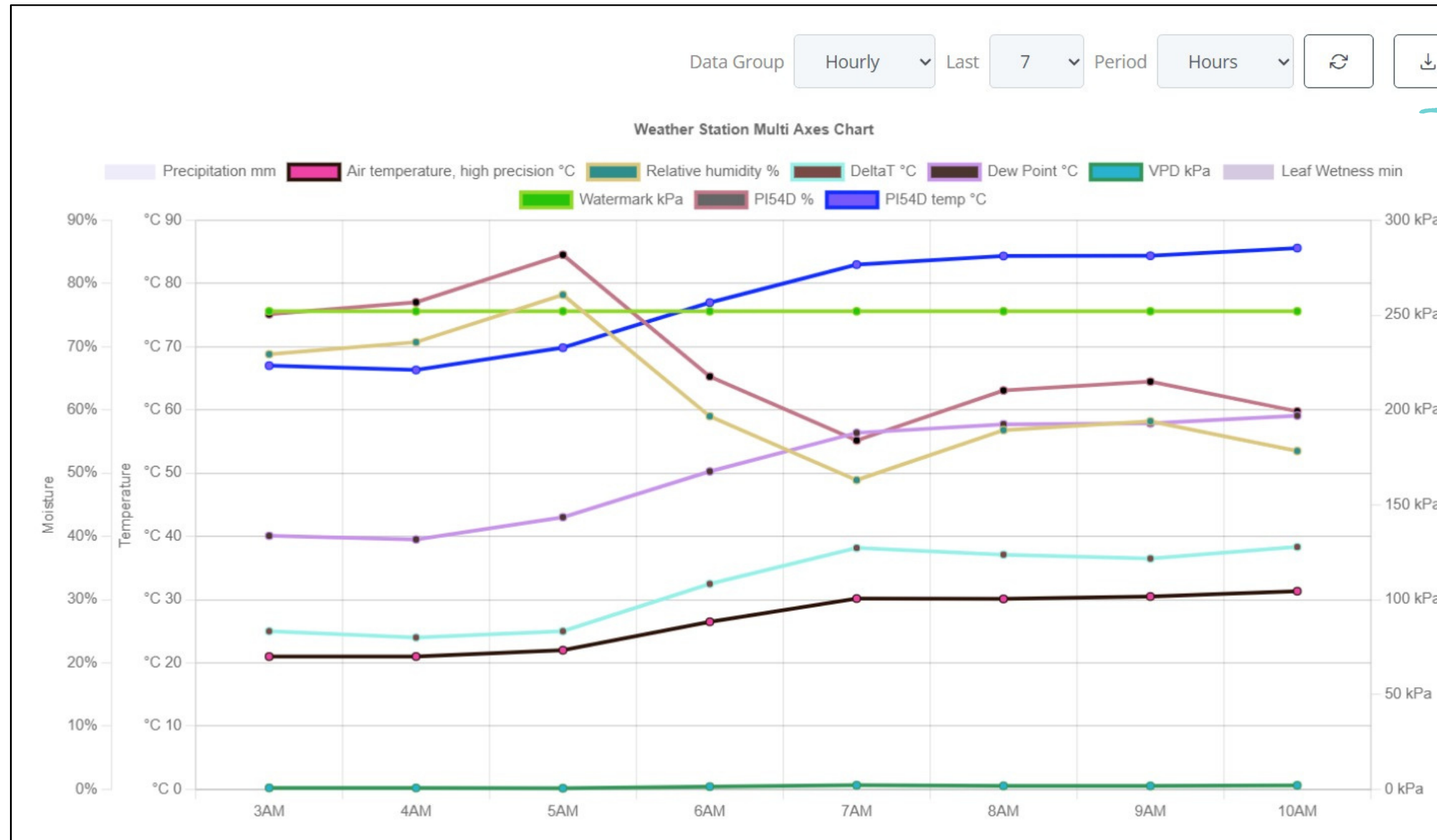


There are three types of data groupings:
those coming from the weather station;
those relating to sensors in the ground;
wind data.

Data display depends on the
configuration of your **IRRIGOPTIMAL®**
system.

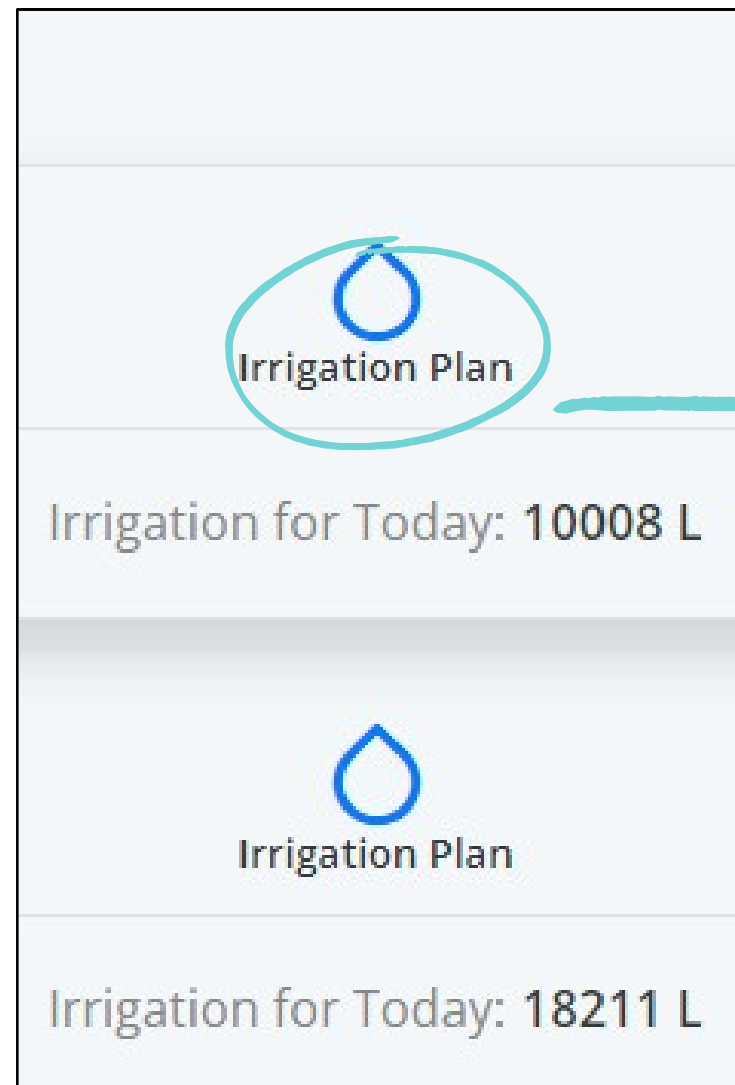
FIELD MONITORING

-Weather Station Data-



1. Decide whether to collect data daily, weekly or monthly;
2. How many hours/weeks/months to monitor the data;
3. Use the 'Refresh' button every time the data you are looking for is updated;
4. Download the data directly to your computer (excel file download).

IRRIGATION PLAN



The main interface for the Irrigation Plan. At the top, there is a navigation bar with icons for Field Monitoring, Irrigation Plan (selected), Irrigation Control, and Disease Module. Below the navigation bar, a yellow banner states "No Irrigation registered by the system". The main content area is titled "Recommended irrigation amount" and contains a table with the following data:

Recommended irrigation amount	
Today	10008 Liters
Tomorrow	9995 Liters
Day after	9974 Liters

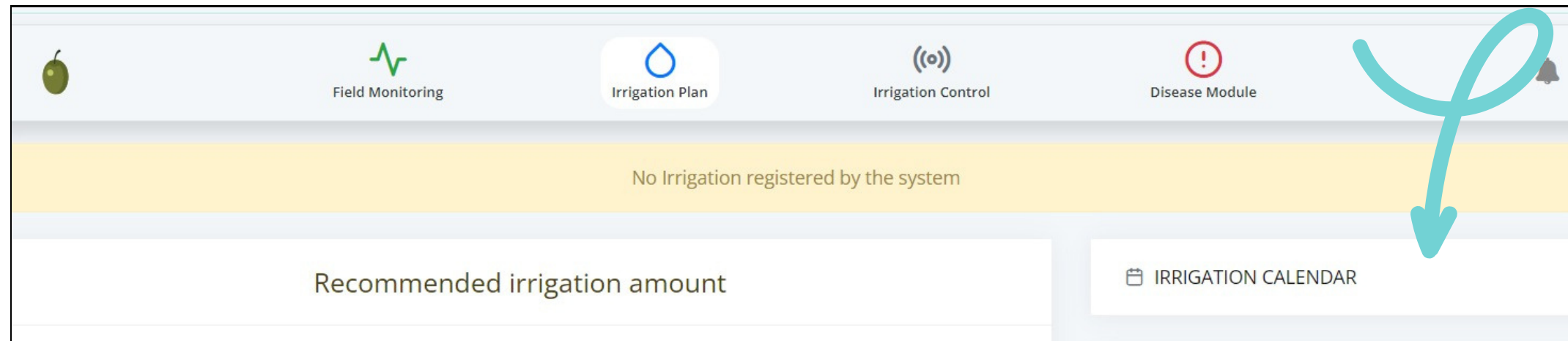
At the bottom of the table, there are two buttons: "Confirm Recommended Amount" and "Modify Recommended Amount", separated by the word "OR". A red arrow points from the text "here you can see the prediction, accept it or modify it." to the "Confirm Recommended Amount" button.

On the right side of the interface, there is a sidebar with the following options:

- IRRIGATION CALENDAR
- IRRIGATION DETAILS (with an upward arrow)
- PLANT DETAILS (with an upward arrow)
- IRRIGATION CONTROL (with an upward arrow)

here you can see
the prediction,
accept it or
modify it.

IRRIGATION PLAN



From this page you can access and also download the calendar of irrigations carried out.

Calendario relativo all'irrigazione

Scorso Mese

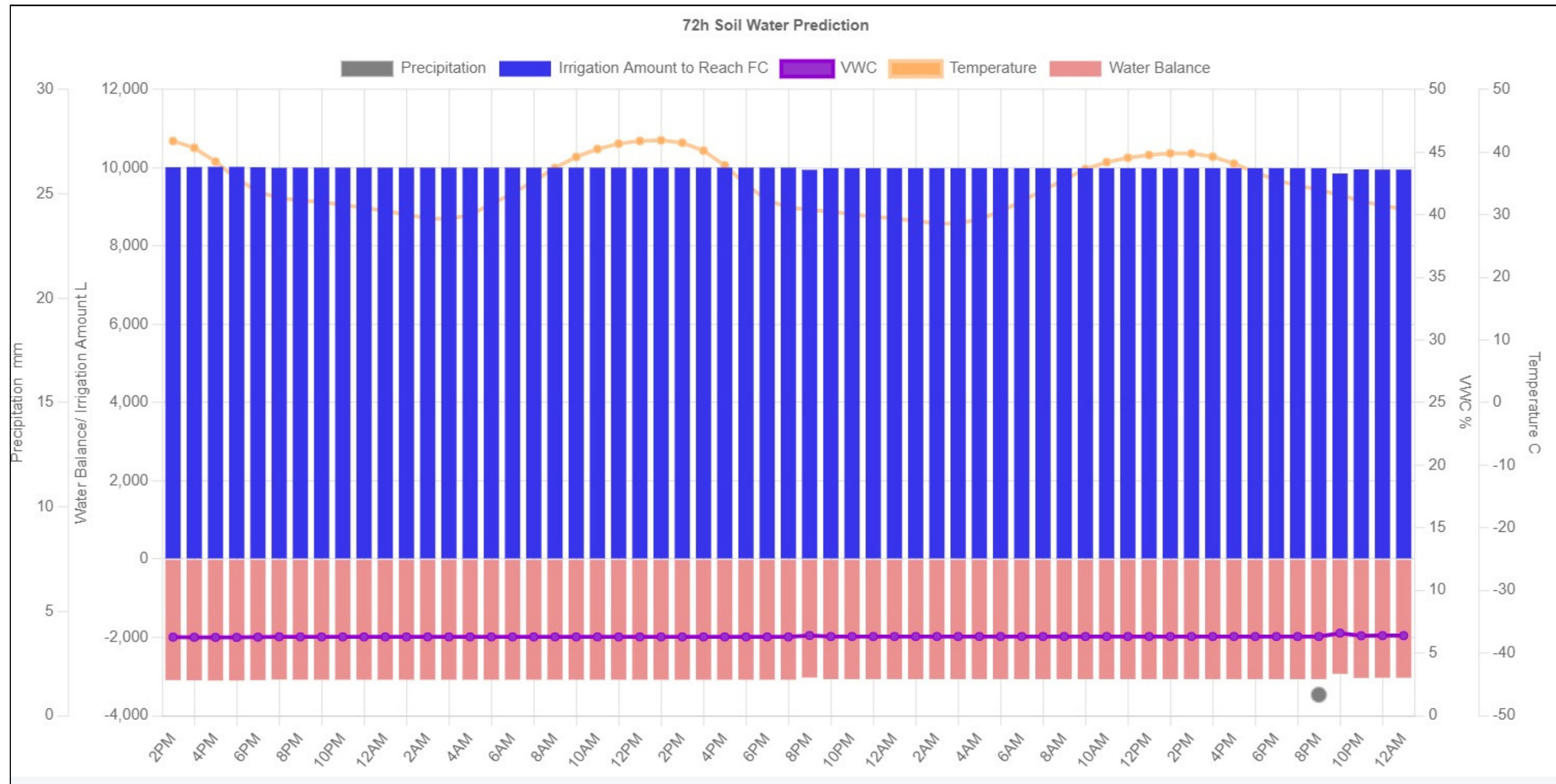
Prossimo mese

November 2023						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8 55.0 L	9	10	11	12
13	14	15	16	17	18	19
20	21 44.0 L	22 55.0 L	23	24	25	26
27	28	29	30			

Piano di irrigazione

IRRIGATION PLAN

-Where to collect data-



Scroll down the page and you will find all the data relating to the irrigation plan for that particular crop.

IRRIGATION CONTROL

If you have an '**Automatic irrigation system**', you can manage from here

The screenshot displays the IRRIOPTIMAL web application interface. On the left is a dark blue sidebar with the IRRIOPTIMAL logo, a language selector set to 'en', a user profile for 'Francesco', and navigation links for Dashboard, Agronomia, Supporto, Privacy, and Logout. The main content area has a breadcrumb trail 'Home / Buskett / Grape' and a top navigation bar with icons for Field Monitoring, Irrigation Plan, Irrigation Control (active), and Disease Module. The 'Irrigation Control' section is divided into two panels. The left panel, titled 'Controllo dell'irrigazione', contains controls for 'Automated Irrigation' (a toggle switch), 'Stop The Irrigation:' (a button), 'Valve Open' (a red 'OFF' button), and 'Water Amount In Liters:' (a text input field with '0.00'). An 'Invia' button is at the bottom. The right panel, titled 'System Information', shows 'Last Communication:' as 'Venerdì 14 Luglio 2023 08:50', 'Next Communication:' as 'Venerdì 14 Luglio 2023 09:50', and 'Battery status:' with a battery level indicator.

IRRIOPTIMAL

Home / Buskett / Grape

Field Monitoring Irrigation Plan Irrigation Control Disease Module

Controllo dell'irrigazione

Automated Irrigation: ☐

Stop The Irrigation:

Valve Open

Water Amount In Liters:

System Information

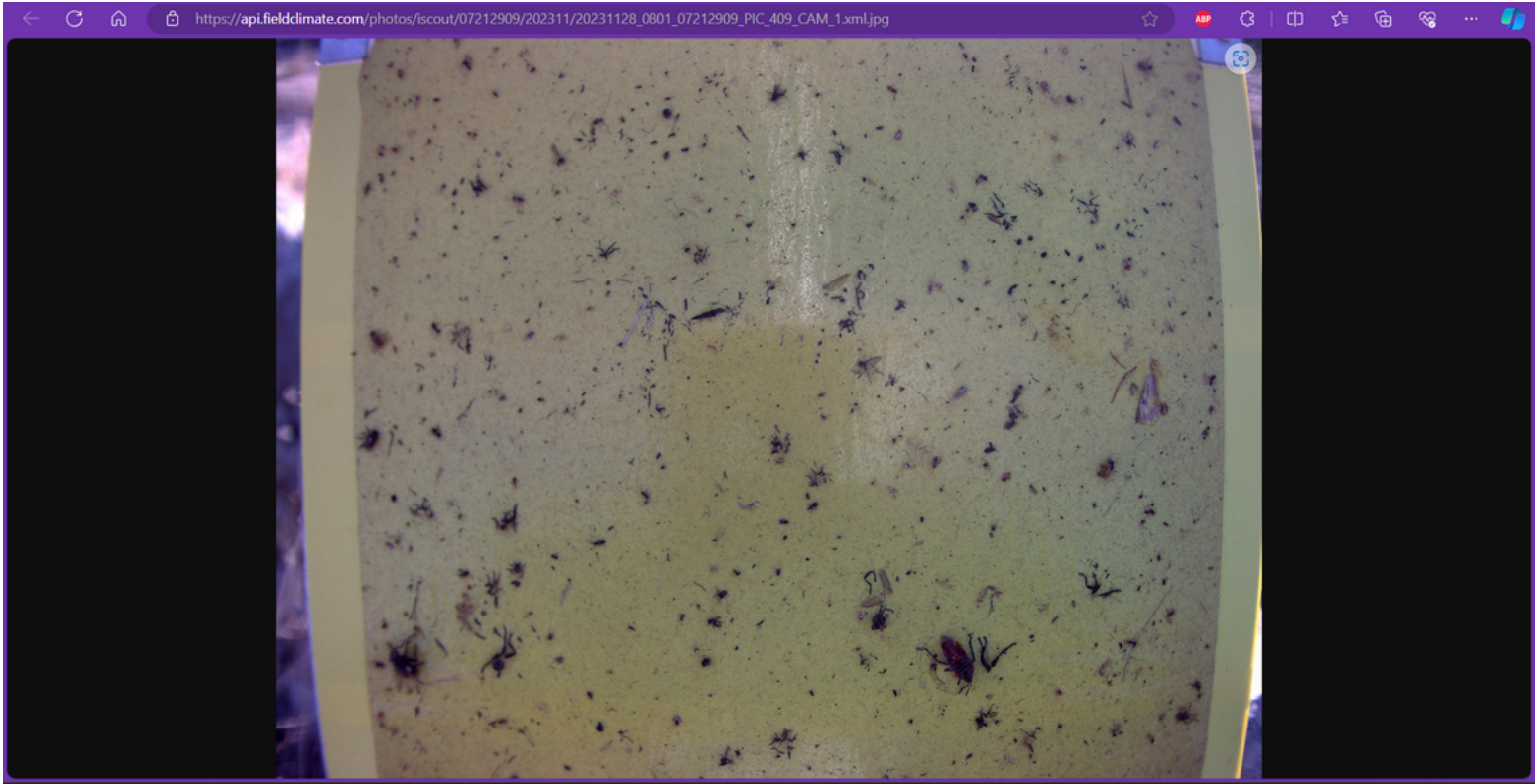
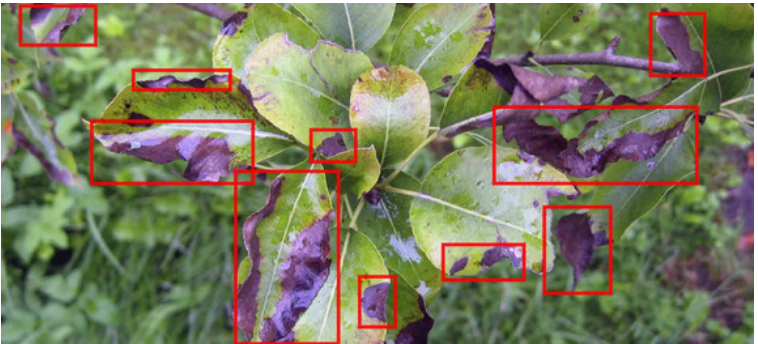
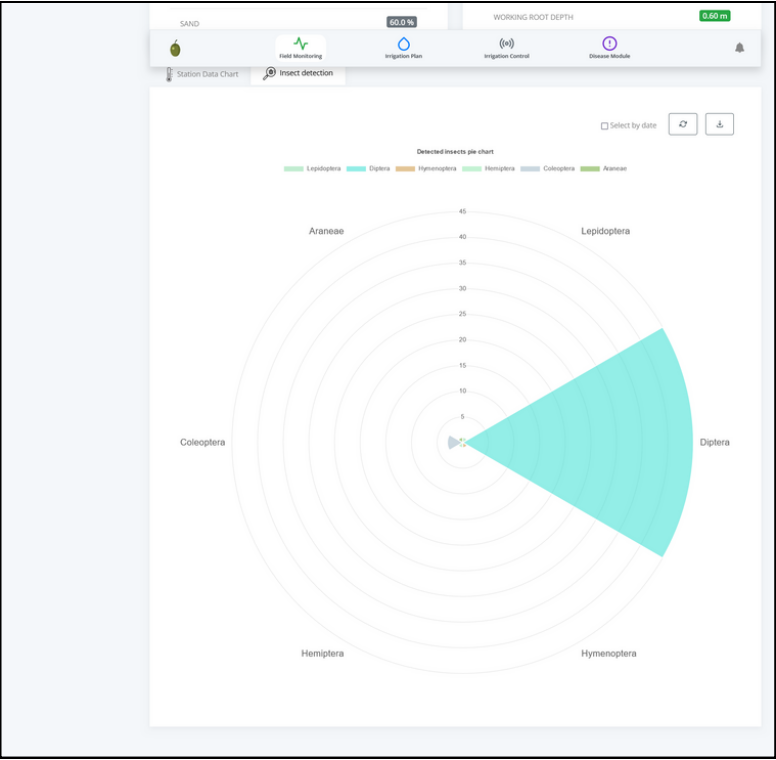
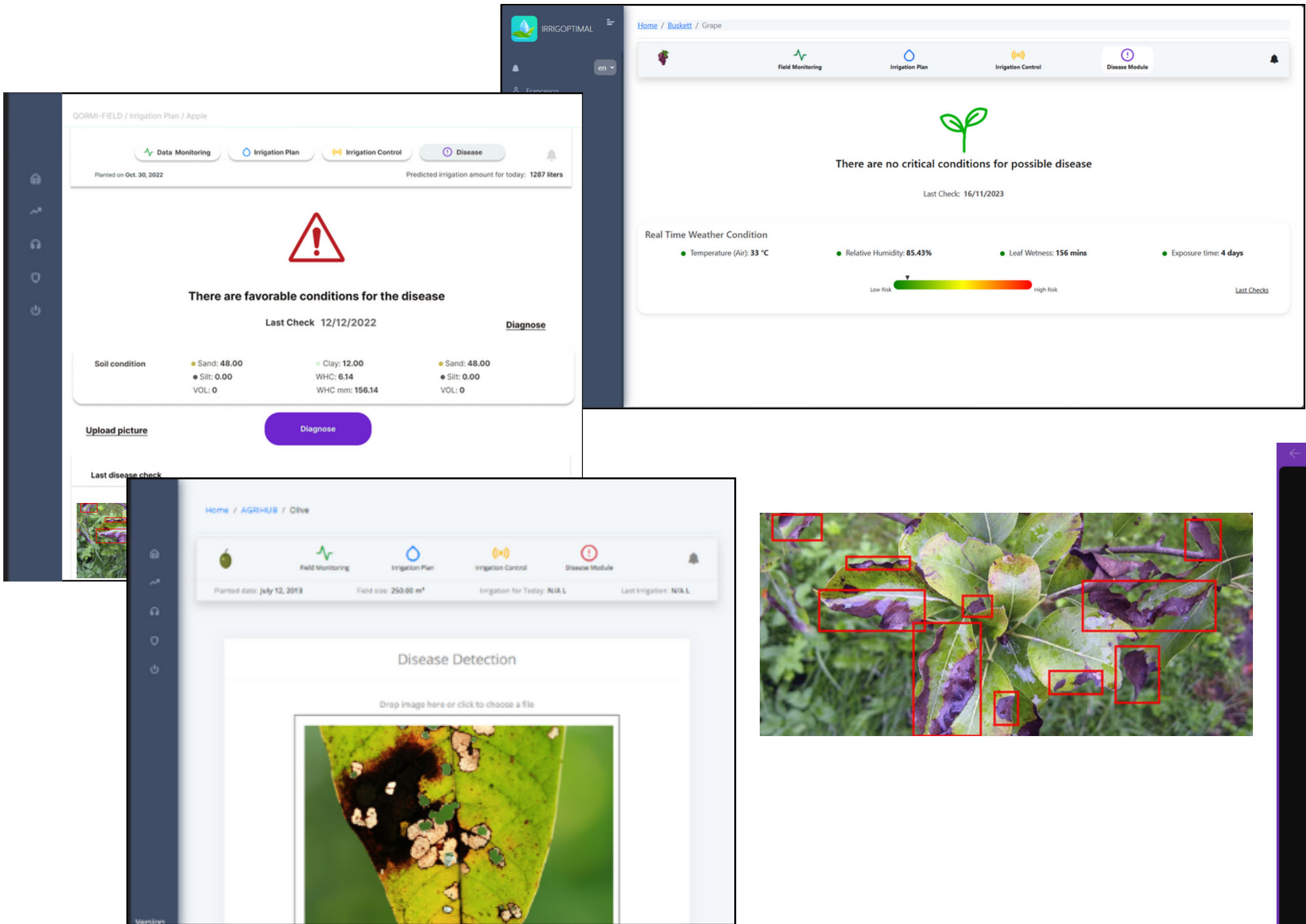
Last Communication: Venerdì 14 Luglio 2023 08:50

Next Communication: Venerdì 14 Luglio 2023 09:50

Battery status:

Version

DISEASE & PEST



THANK YOU FOR BE PART OF IRRIGOPTIMAL!



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IRRIGOPTIMAL MAKES
AGRICULTURE SMART

