



Winessense

2024AUG001



USER GUIDE

WINESSENSE APP



Atfield technologies doo
Jug Bogdana 30 | Bečej, Serbia
+381 63 278 721  

www.atfield.tech
info@atfield.tech
 [video guide](#)

version 1.0



**The user guide is here to
help you find your way
through winessense app.**





THE SECTIONS

CURRENT DATA	1 - 8
FORECAST VIEW	9 - 15
HISTORY VIEW	16 - 24
MAP VIEW	25 - 29
HEAT MAPS	30 - 37
NOTIFICATIONS & CRONOLOGY	38 - 45
FIELD RECORDS	46 - 52
SETTINGS	53 - 61



CURRENT DATA

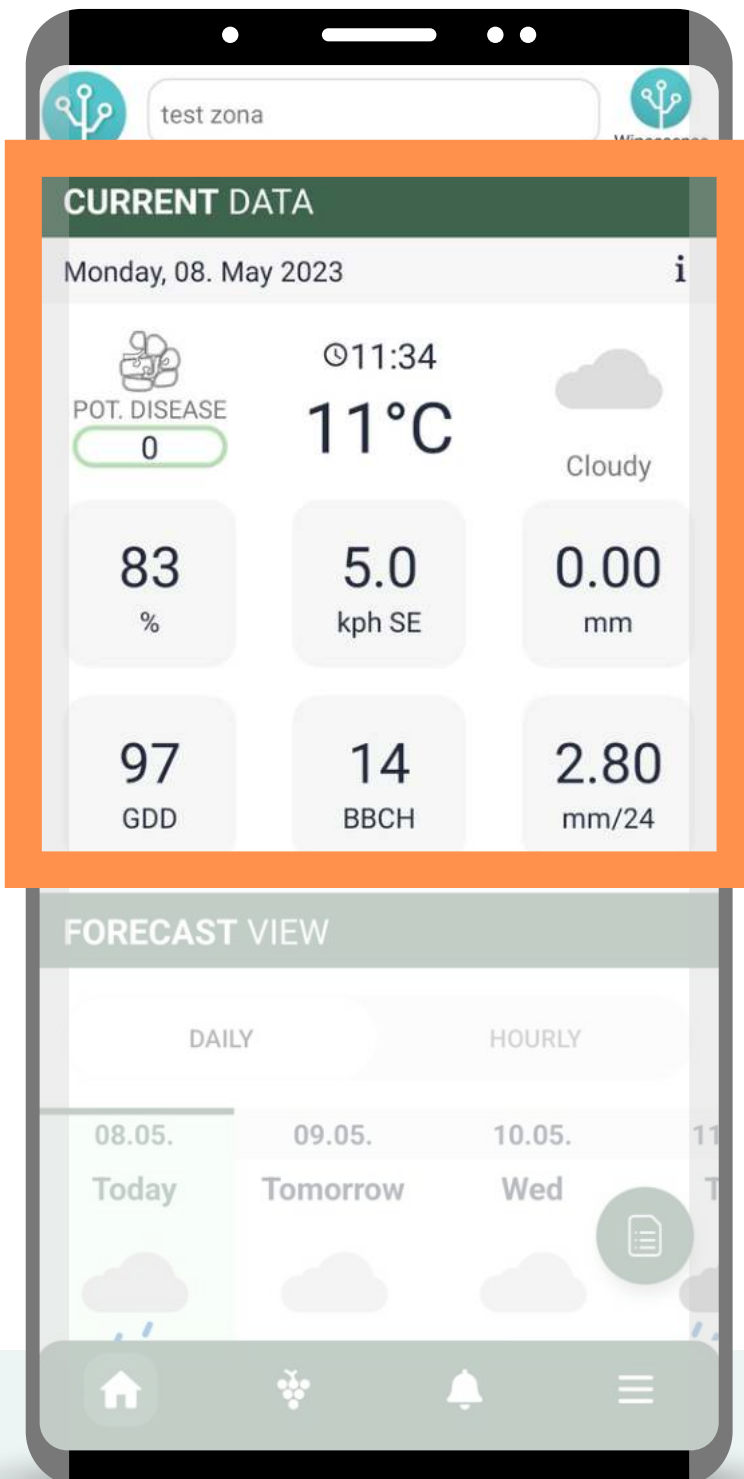
SECTION

This section tells you what is going on in the vineyards right now.





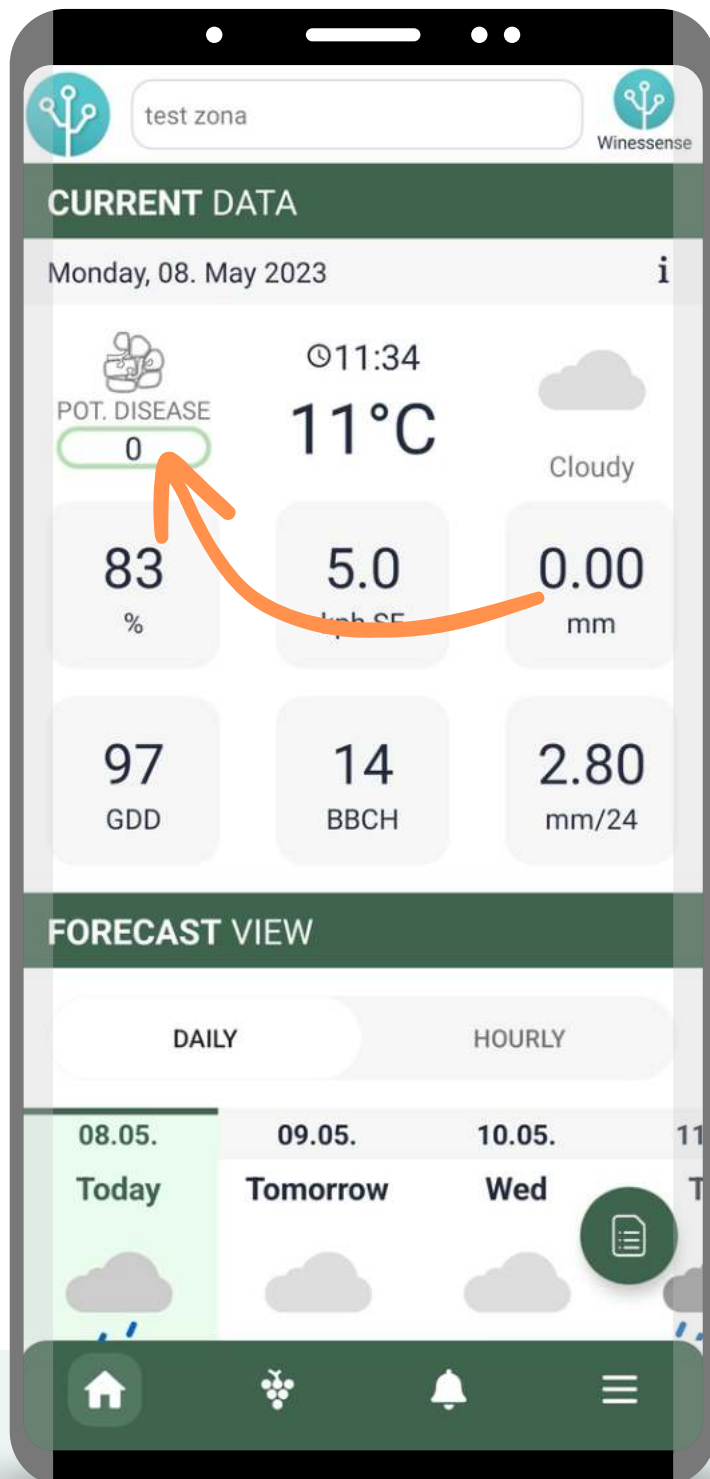
CURRENT DATA



Current data
section in the app



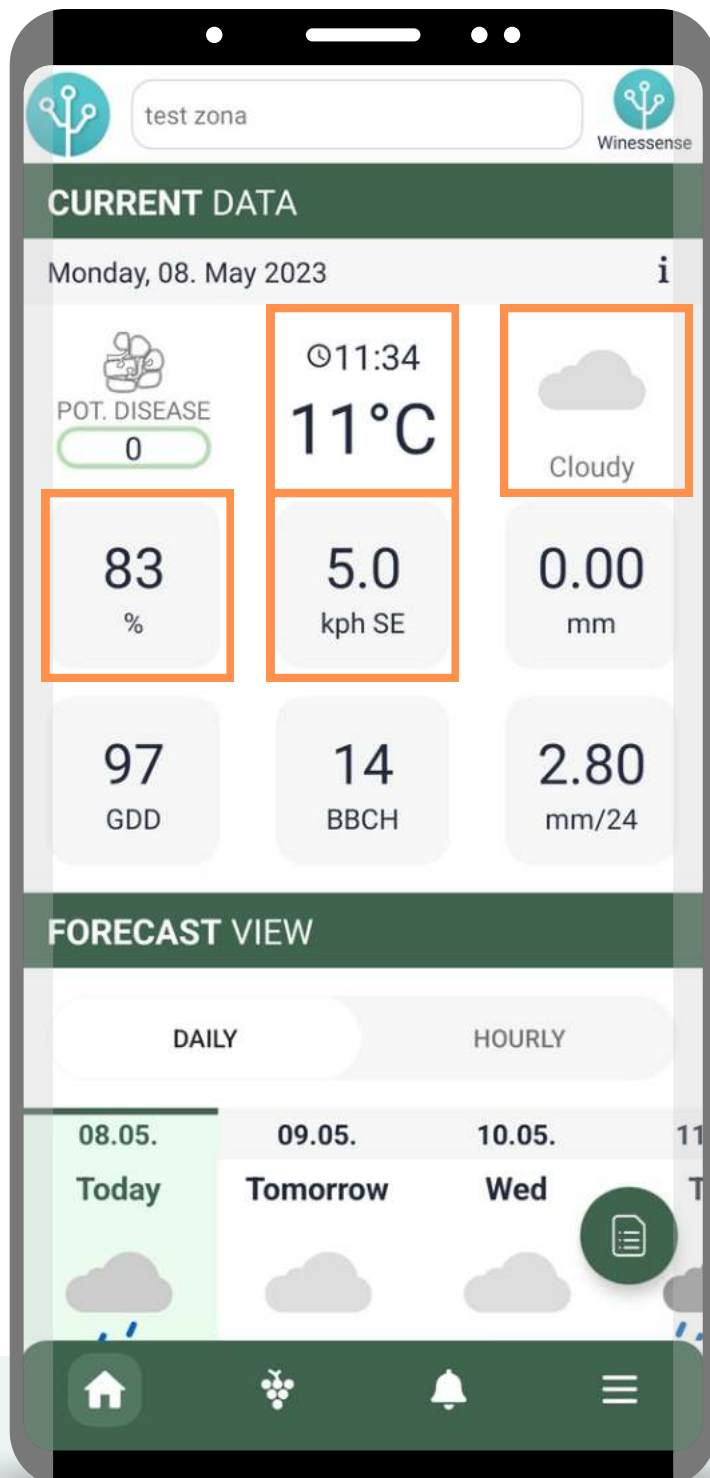
CURRENT DATA



The maximum disease infection severity



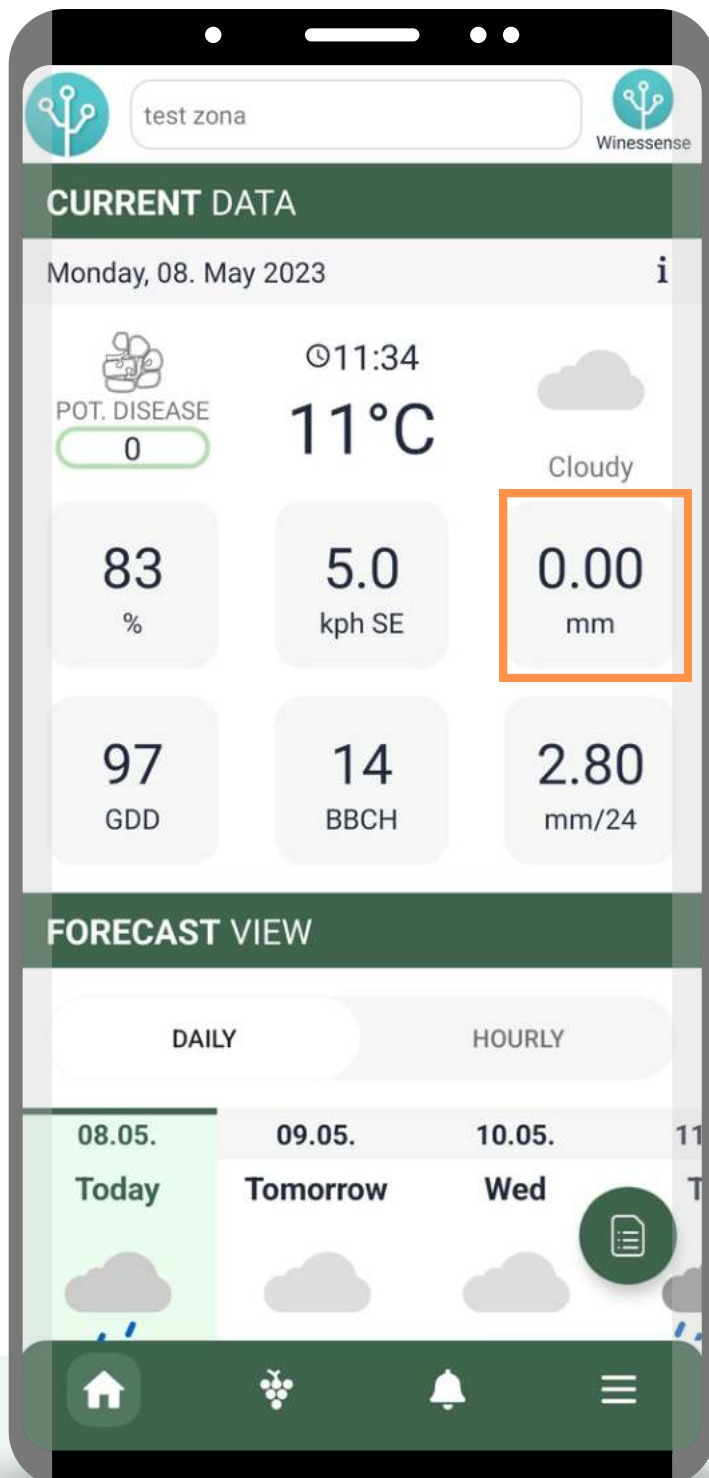
CURRENT DATA



- Temperature (°C),
- Weather,
- Humidity (%),
- Wind speed and direction (km/h)



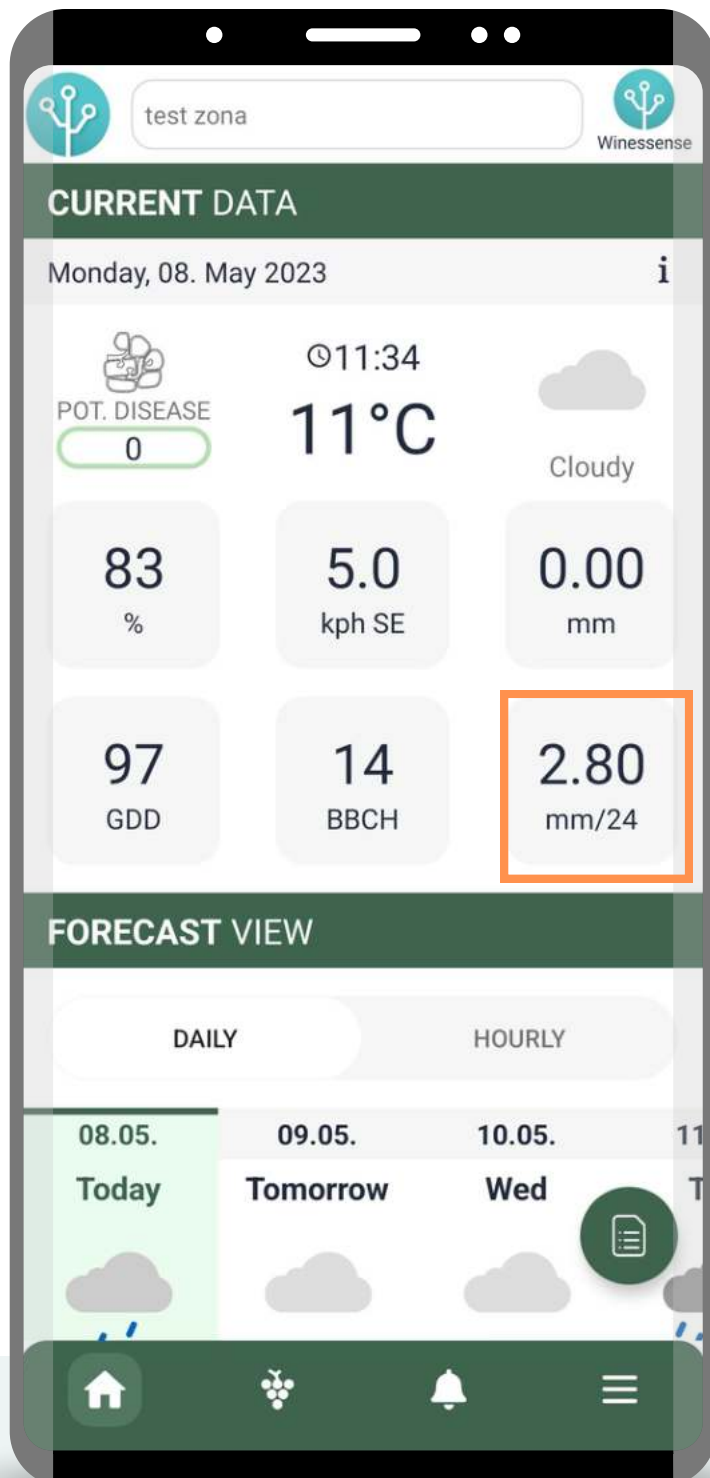
CURRENT DATA



The amount of rain in the previous hour [mm]



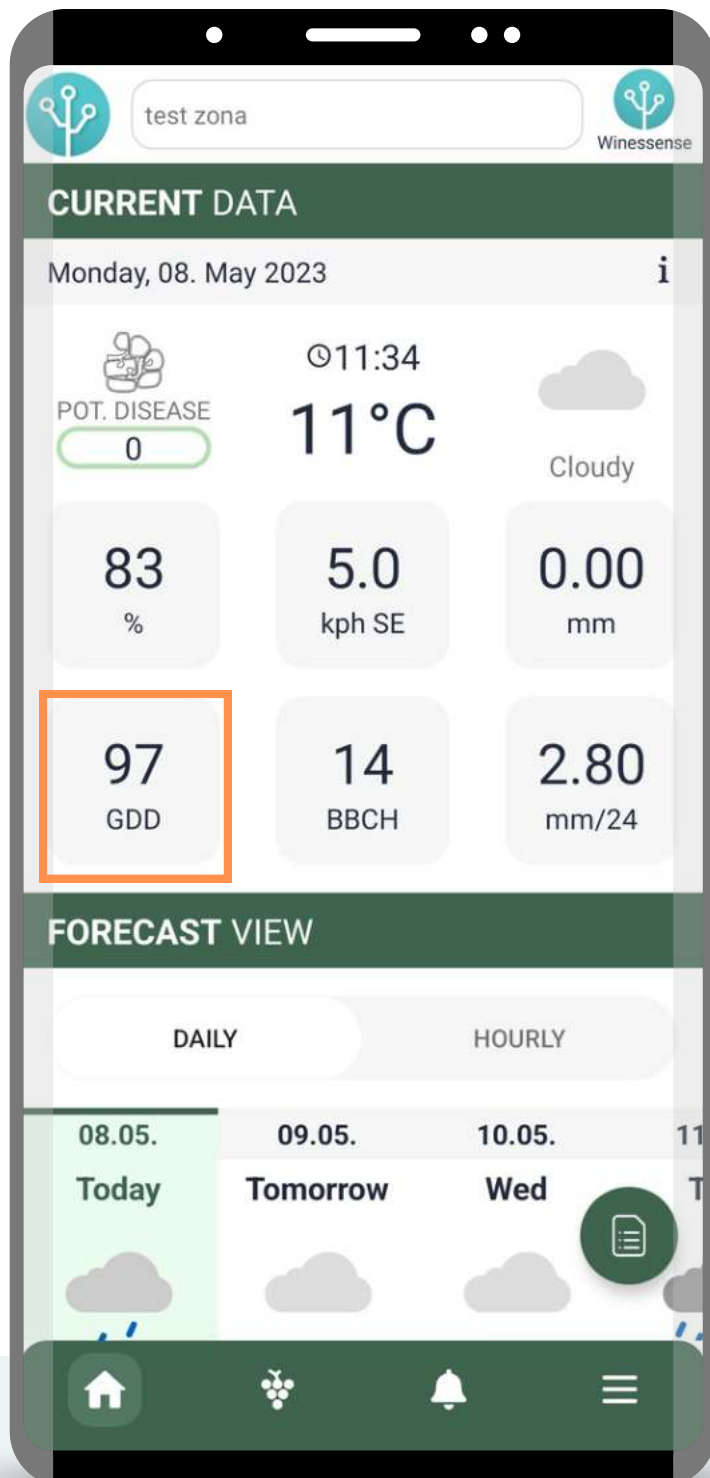
CURRENT DATA



The amount of rain in the previous 24 hours [mm]



CURRENT DATA



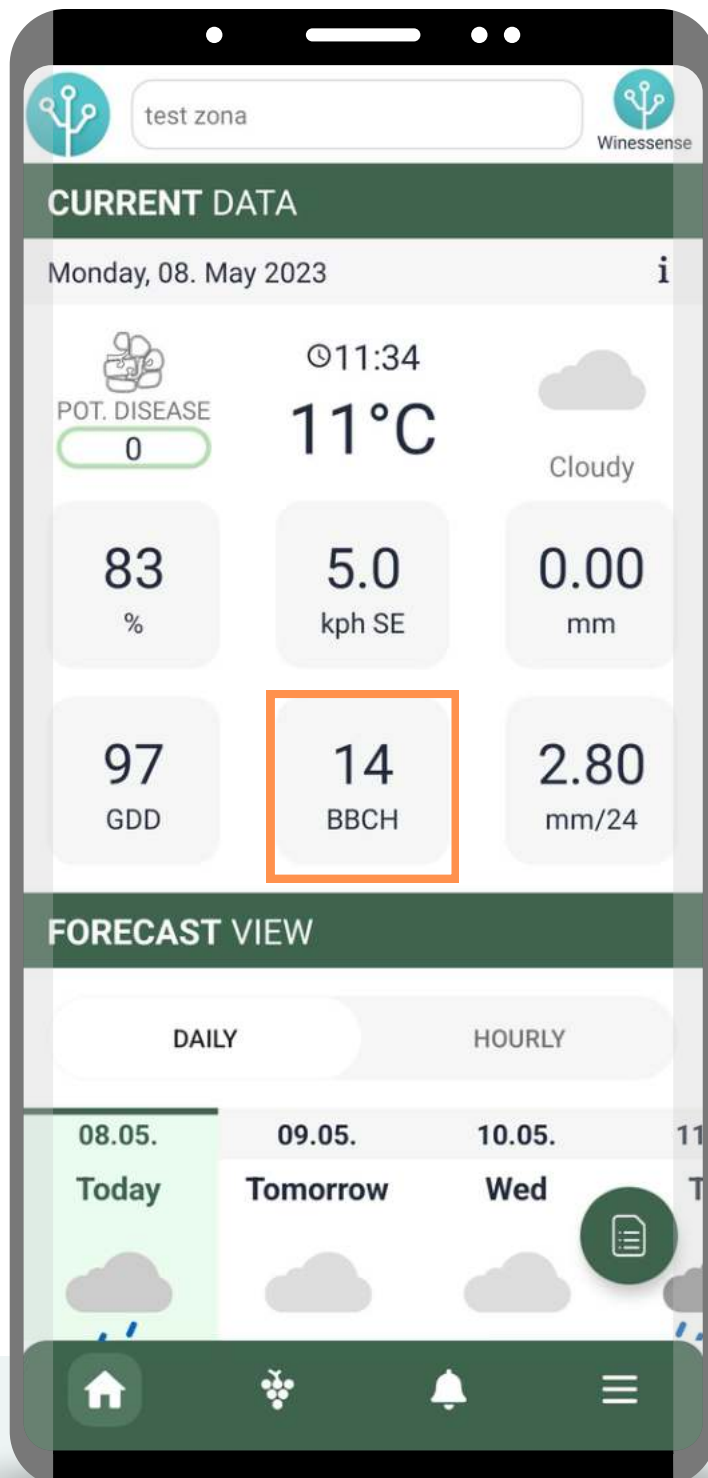
GDD - Growing degree days

Sum of active temperatures between April and October.

The sum of average daily air temperatures that exceed a certain biological minimum during the vegetation period of plants. This indicator is used to evaluate the growth and development of plants during their developmental period.



CURRENT DATA



The BBCH value

Current phenological development stage in the vineyard.

The average value.



FORECAST VIEW

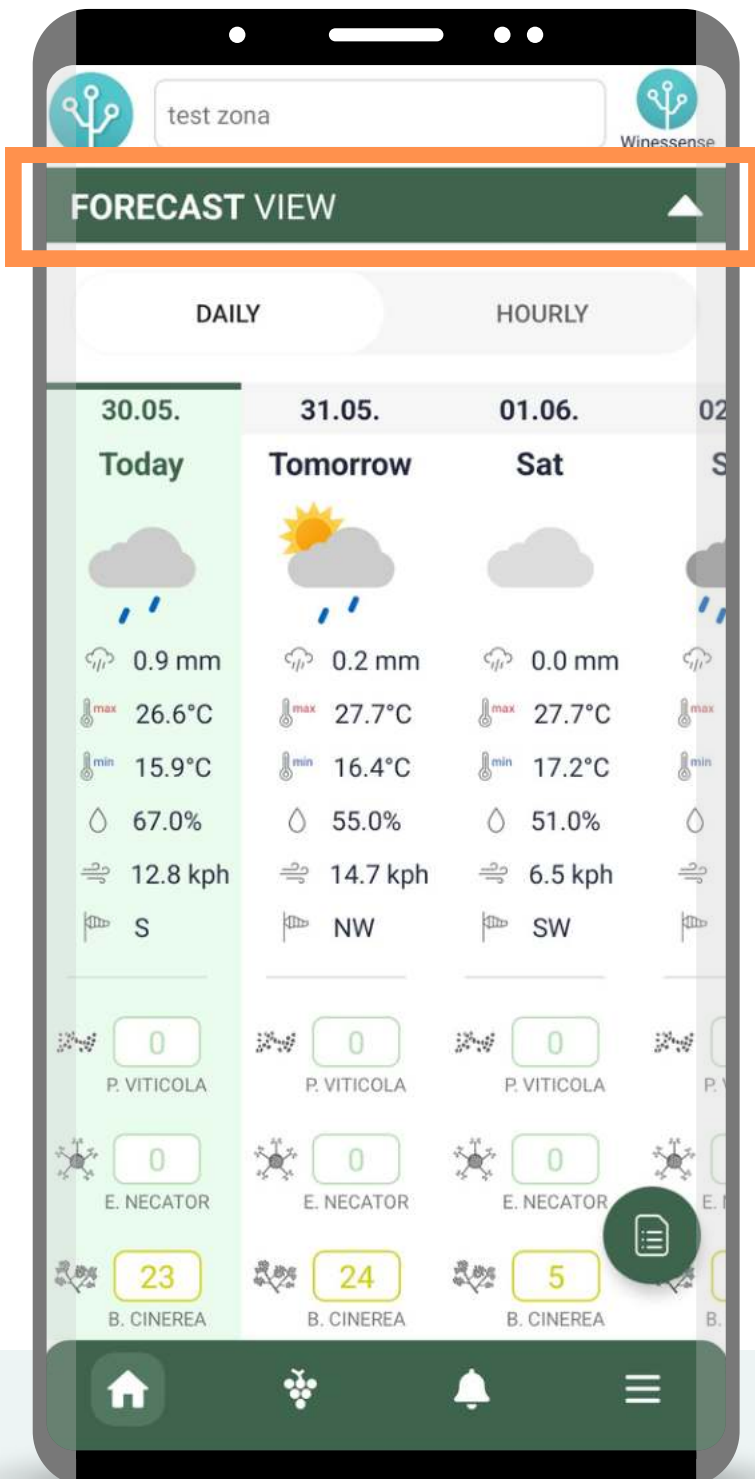
SECTION

This section shows you how the forecast and weather would impact your vineyards.





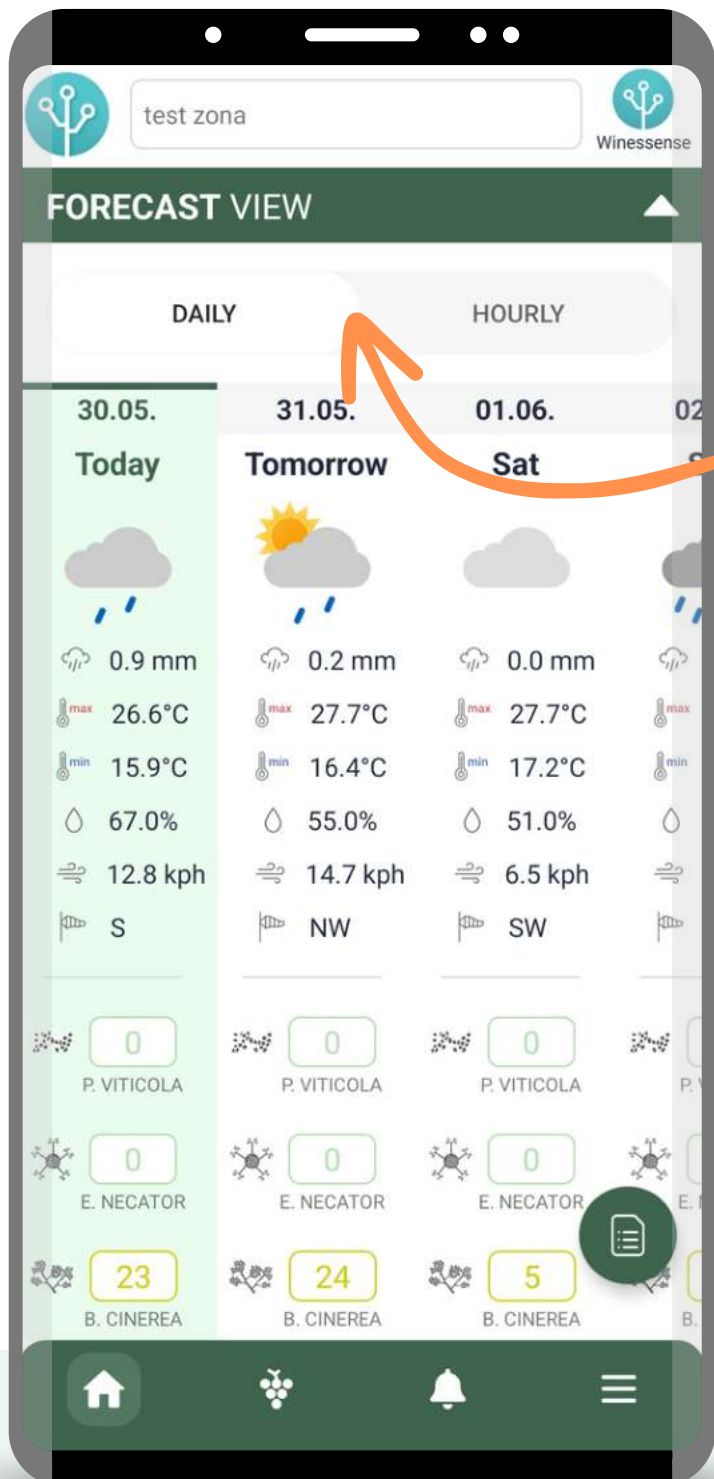
FORECAST VIEW



Forecast view
section in the app



FORECAST VIEW

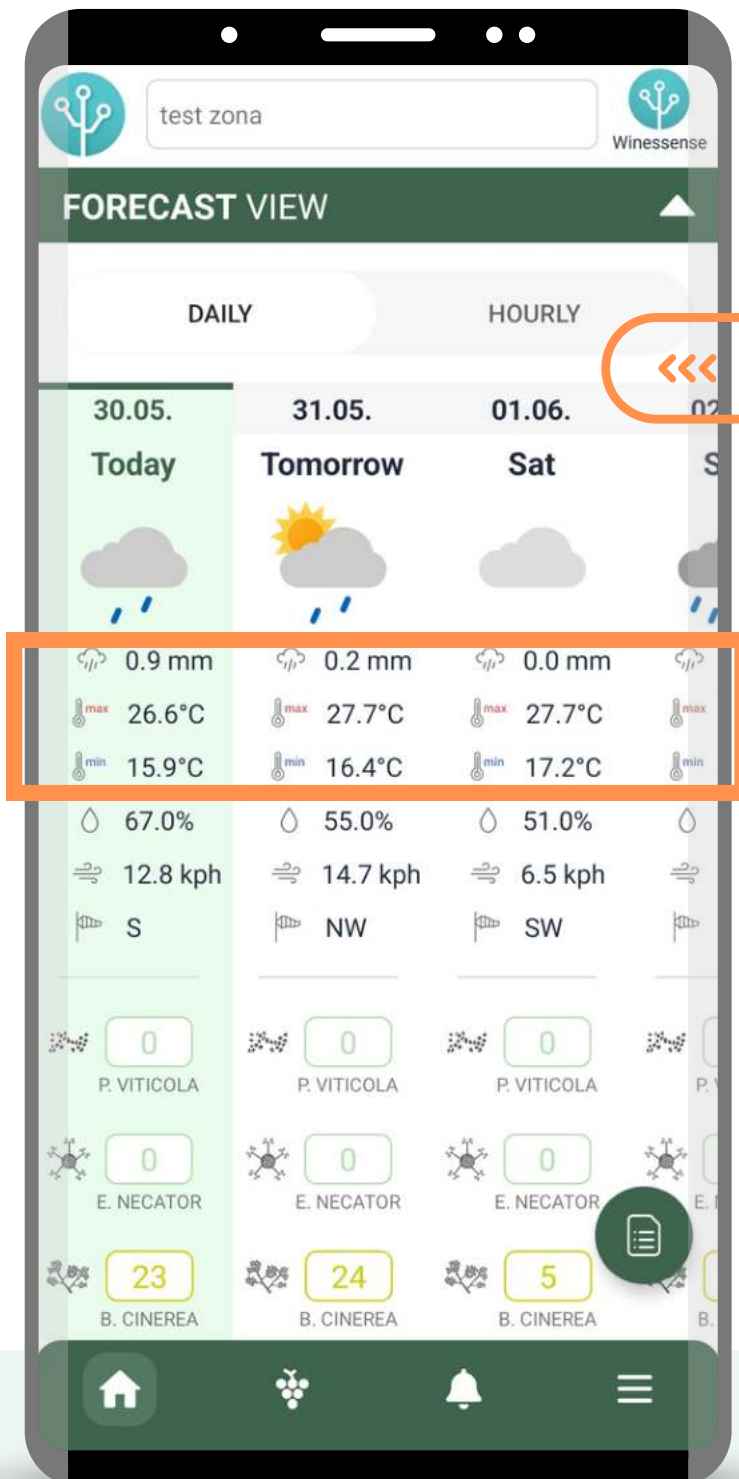


You can toggle between daily and hourly view



FORECAST VIEW

WEATHER



««« Swipe

The forecast for 6 days ahead is visible on swiping.



Precipitation

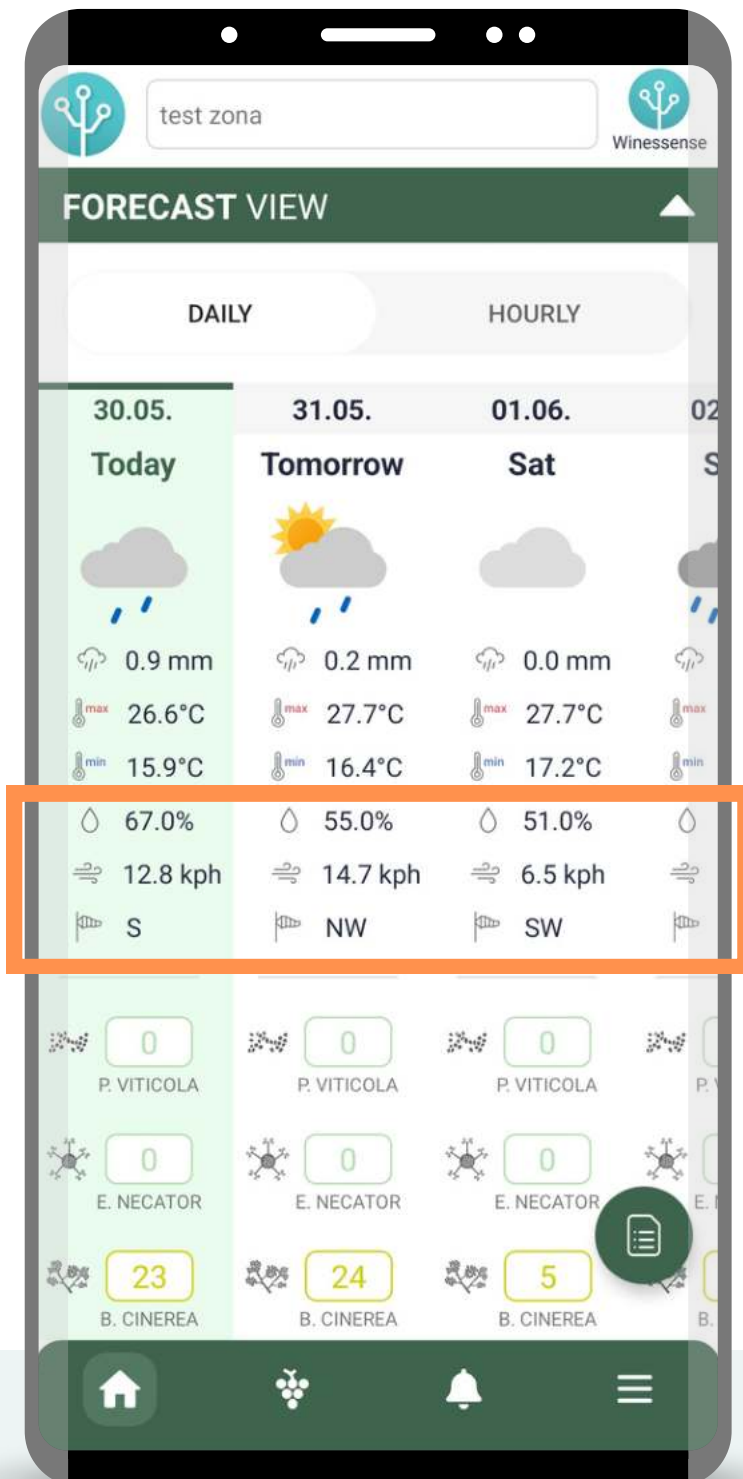


Minimum and maximum temperature



FORECAST VIEW

WEATHER



Relative humidity








Wind speed and direction

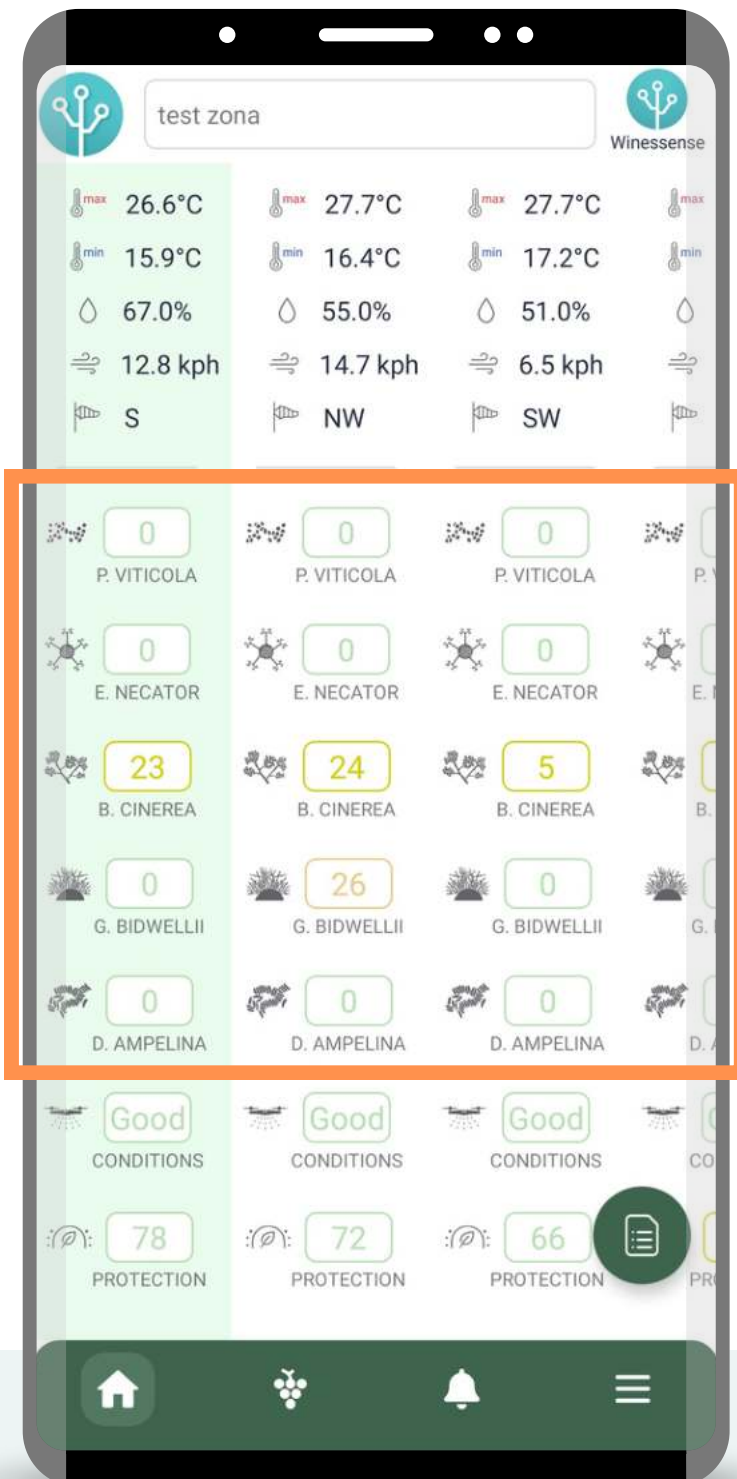


FORECAST VIEW

SEVERITY

0: no severity
0–20: mild
20–50: moderate
>50: severe

 downy mildew
 powdery mildew
 grey rot
 black rot
 cane leaf spot





FORECAST VIEW

SPRAYING

Spraying conditions:

- good
- bear
- poor

Level of protection:

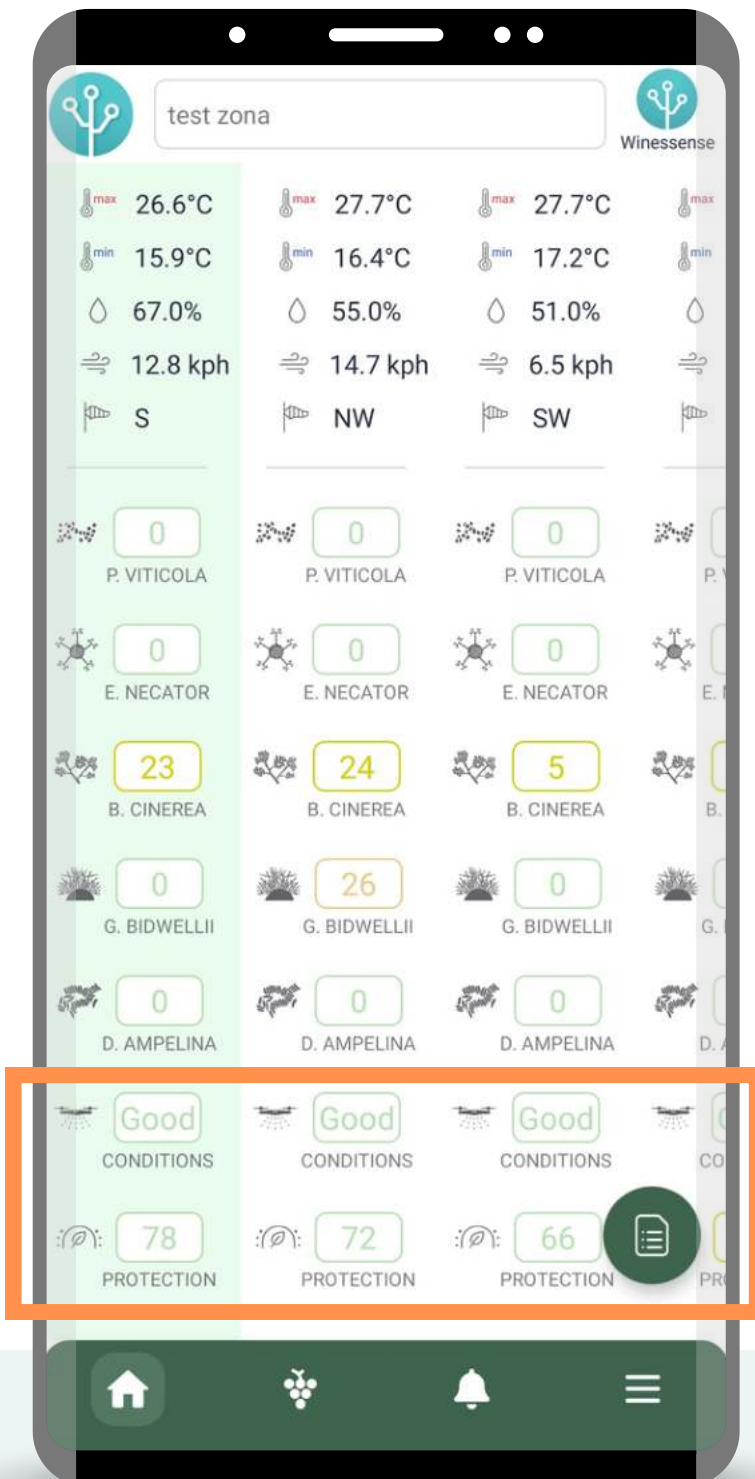
- 0 - 100

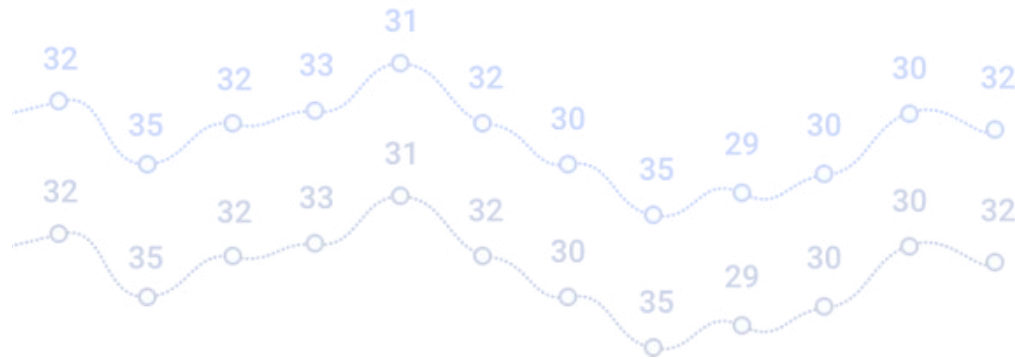


Spraying
conditions



Level of
protection

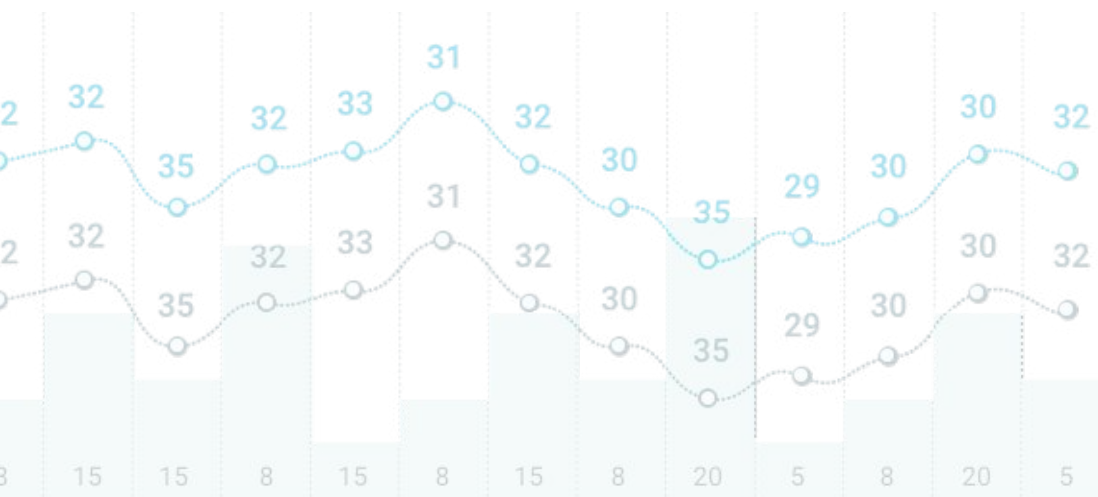




HISTORY VIEW

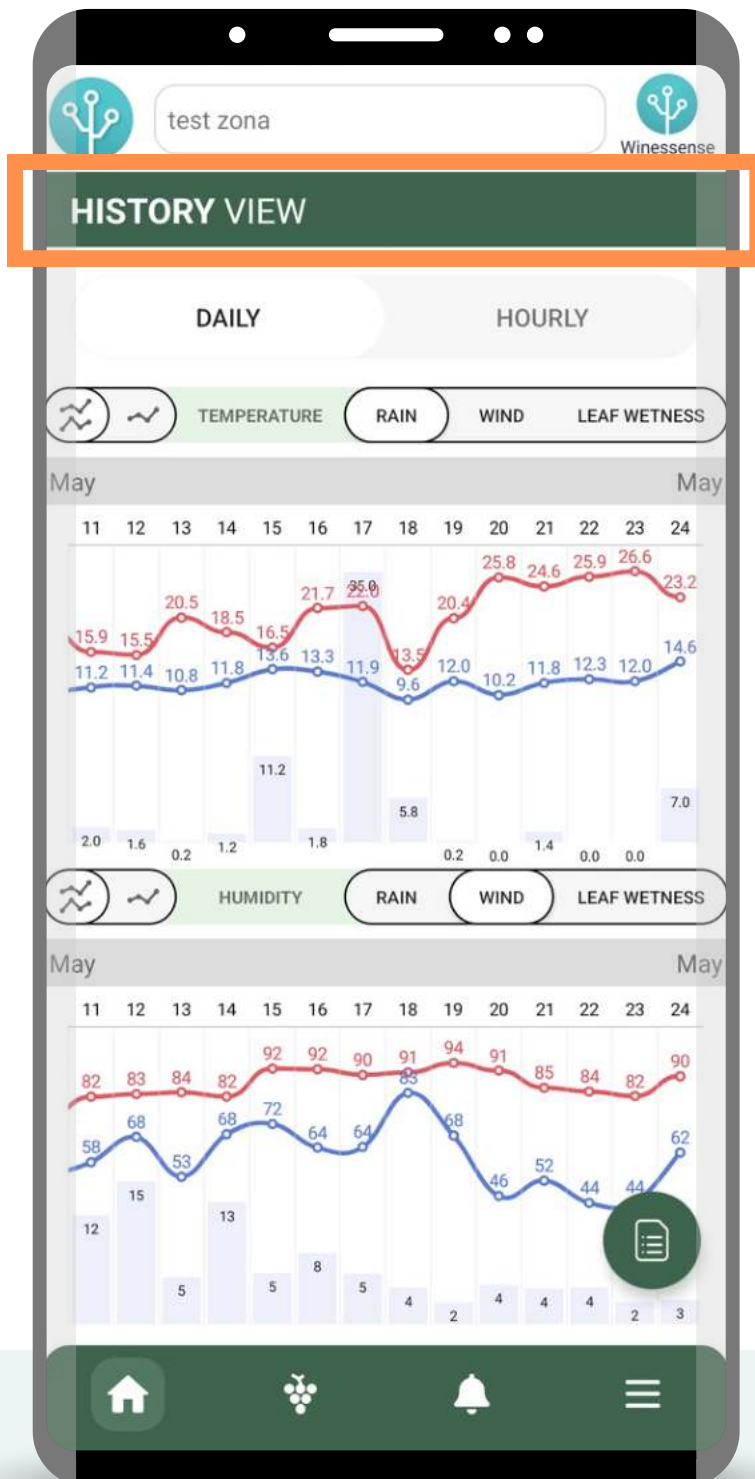
SECTION

This section is here to tell you what has recently happen in the vineyards.





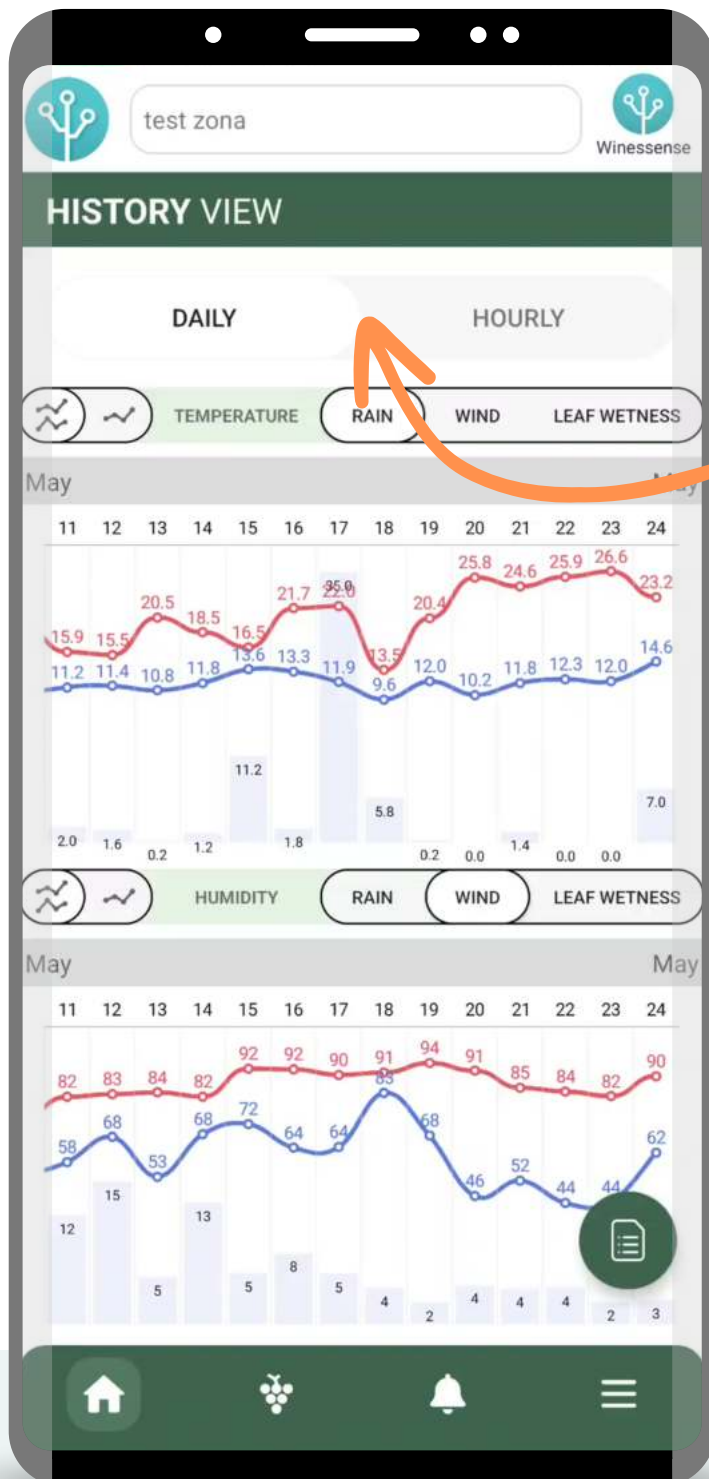
HISTORY VIEW



A part with a historical overview of the collected data that was realized in the past



HISTORY VIEW



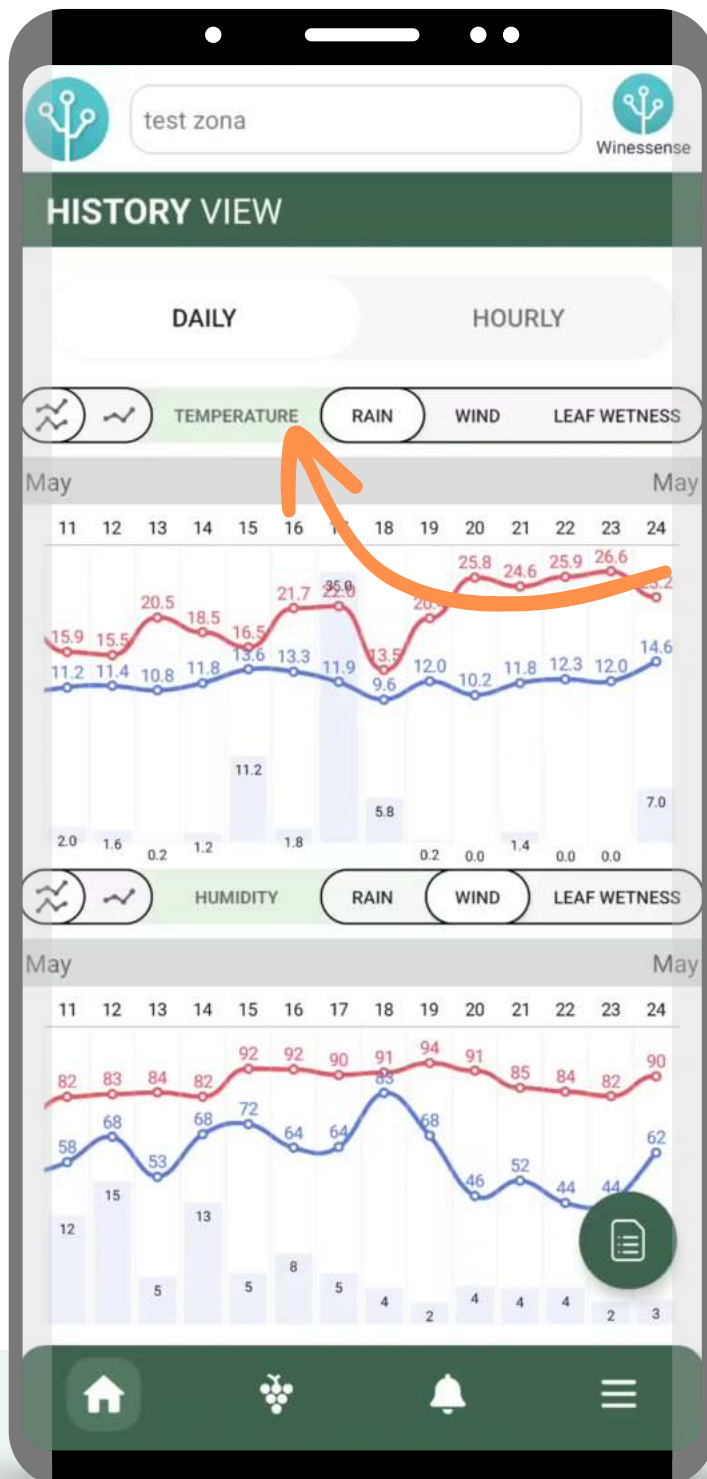
Toggle between daily or hourly charts

Hourly graphs show the variables of the collected parameters from hour to hour during the day.

Daily charts are a summary of hourly collected data.



HISTORY VIEW

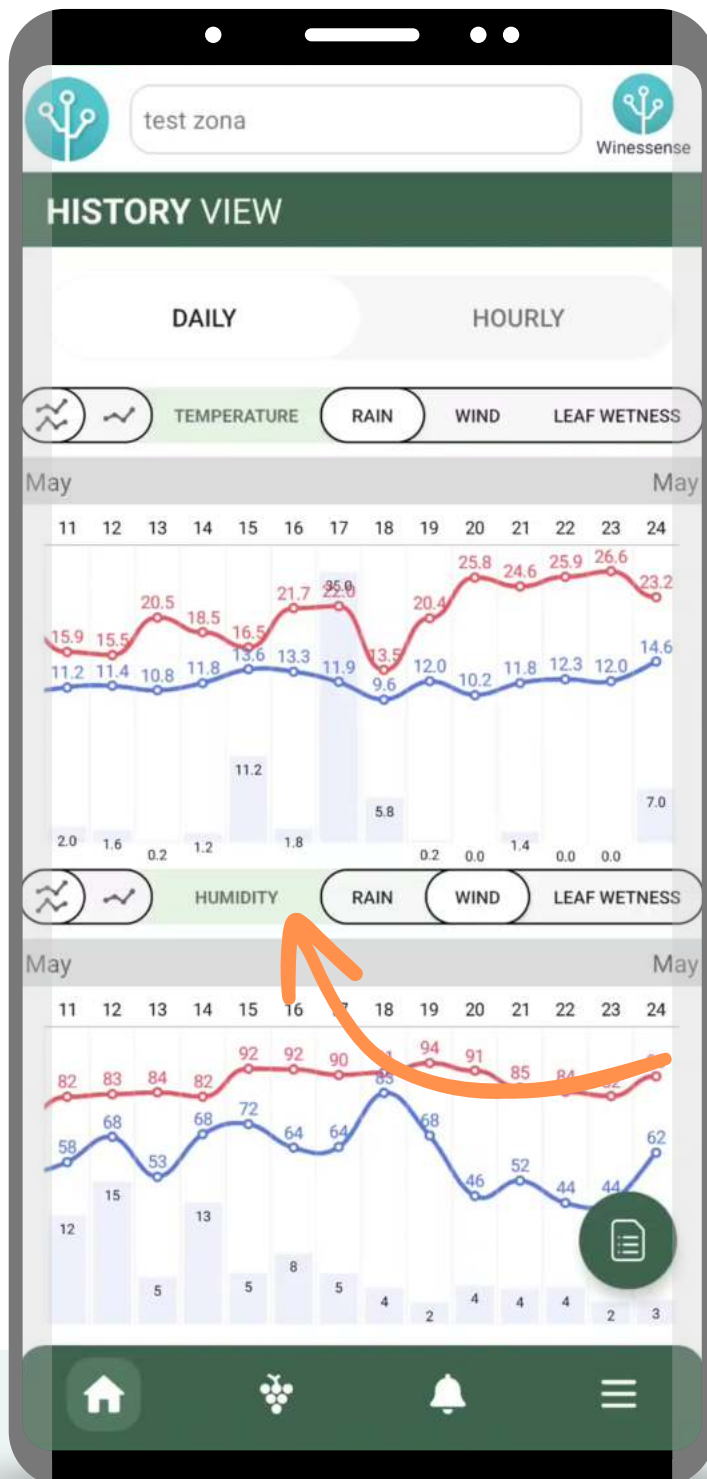


The temperature graph

The temperature graph shows the minimum and maximum or average temperature on a daily basis, or the temperature variables from hour to hour for the desired day.



HISTORY VIEW

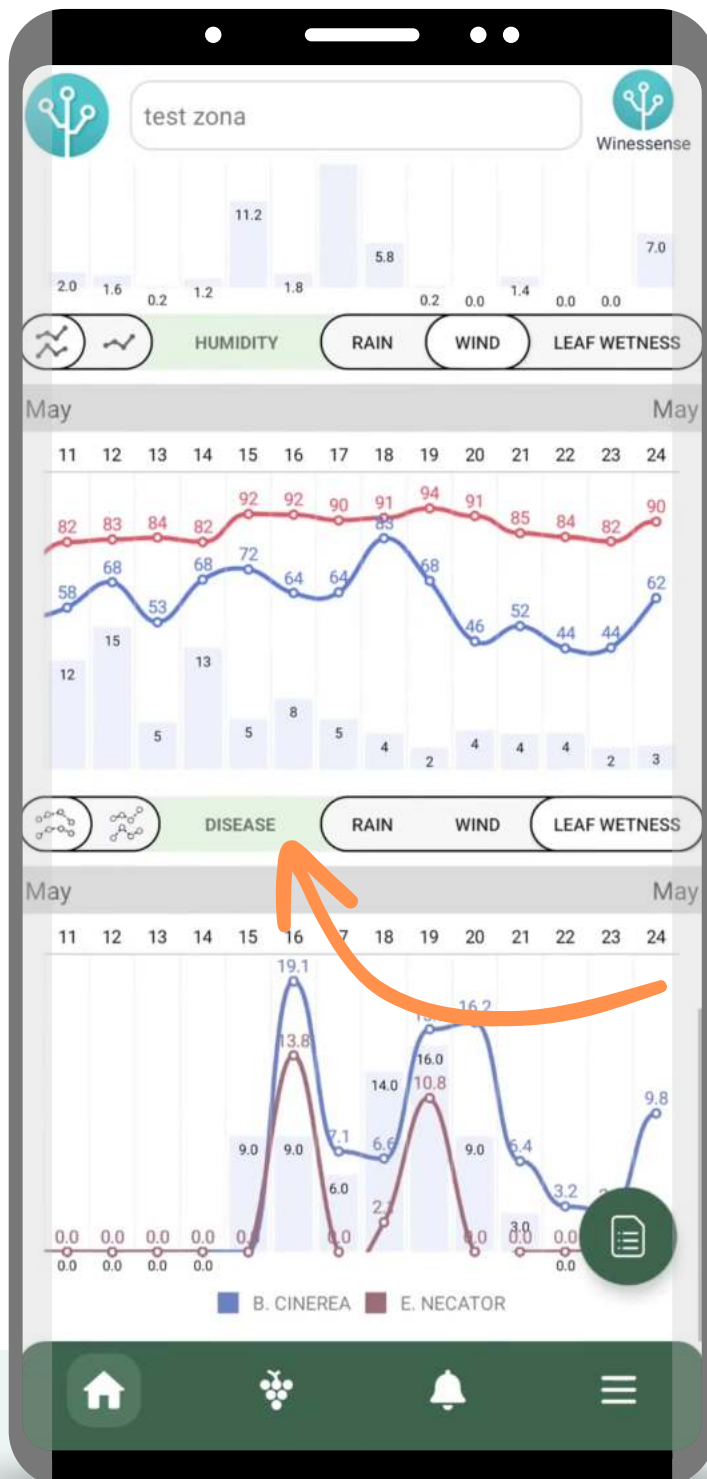


The humidity graph

The humidity graph shows the minimum and maximum or average humidity on a daily basis, or the humidity variables from hour to hour for the desired day.



HISTORY VIEW

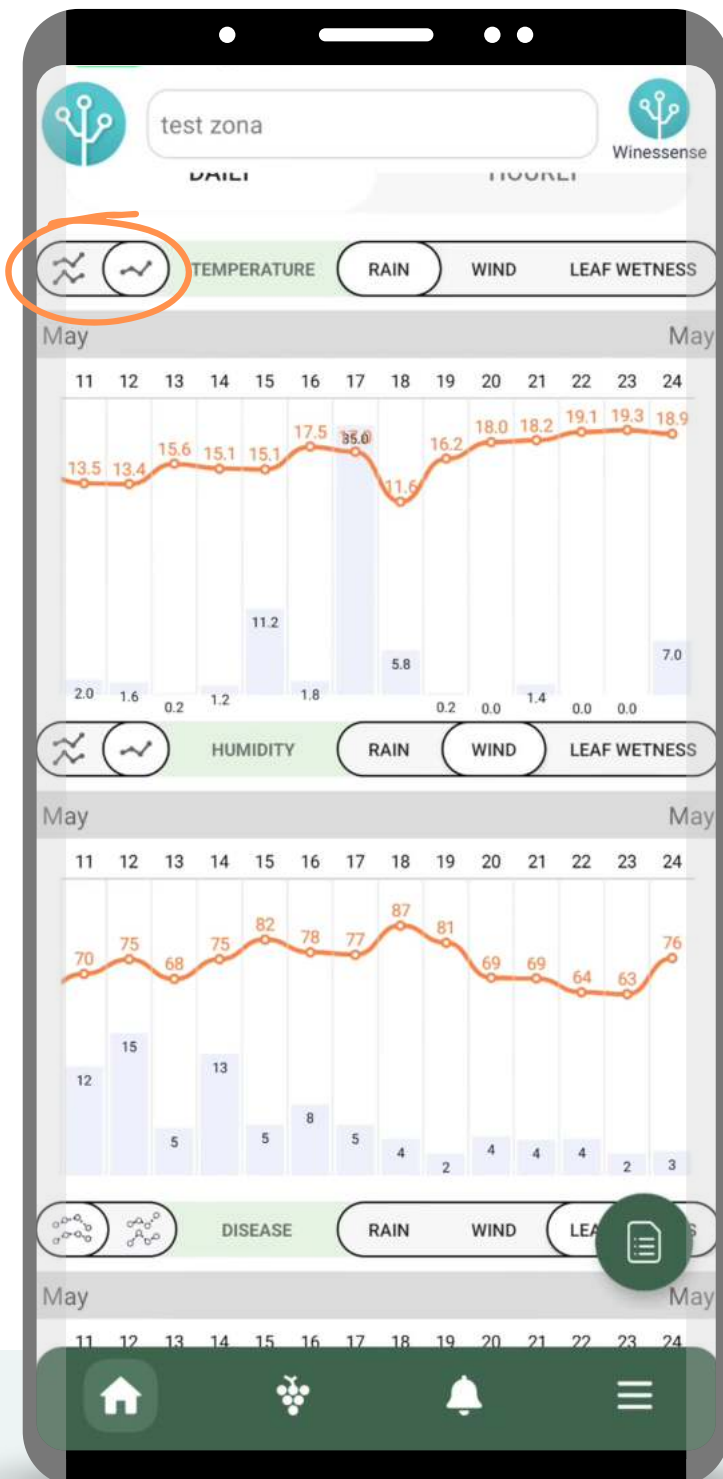


The disease graph

Comparing severity of two diseases on hourly or daily basis in the past.



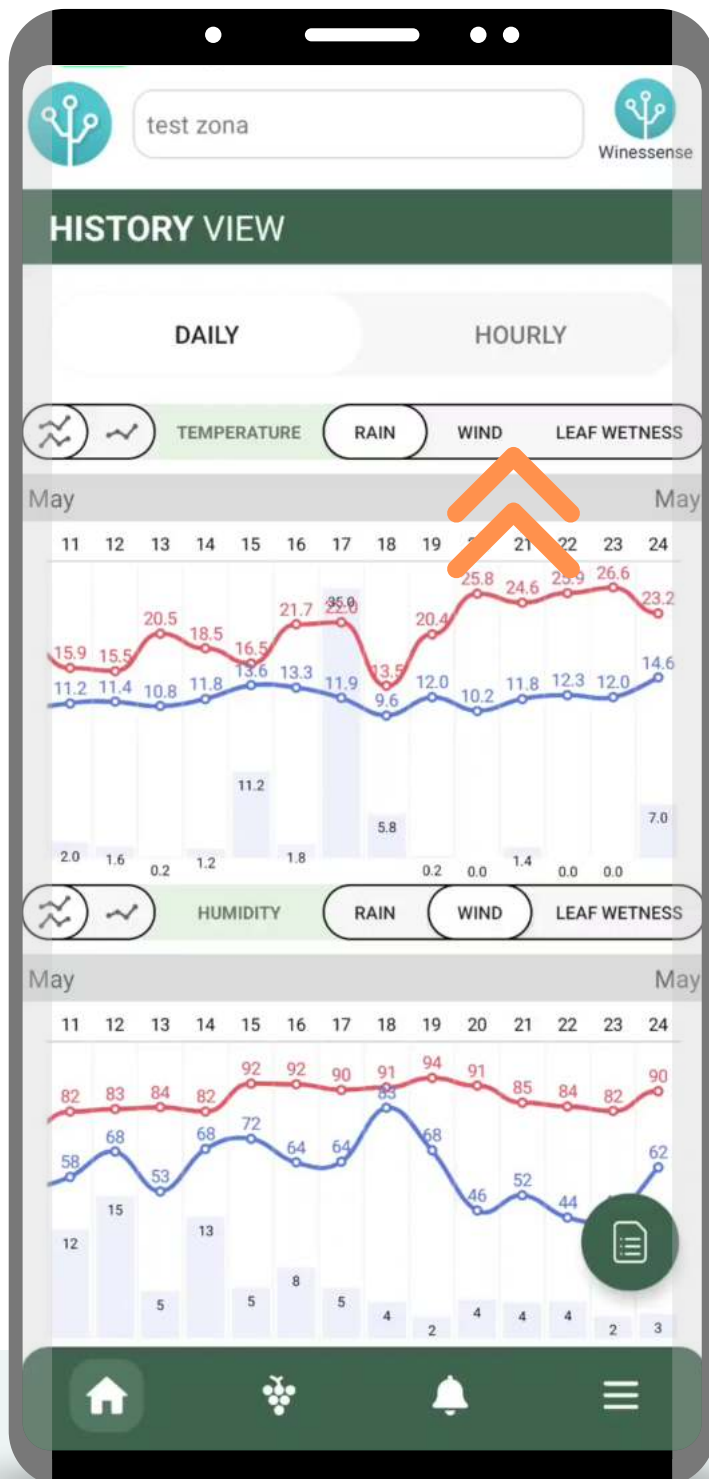
HISTORY VIEW



Toggle between max-min or mean graphs



HISTORY VIEW

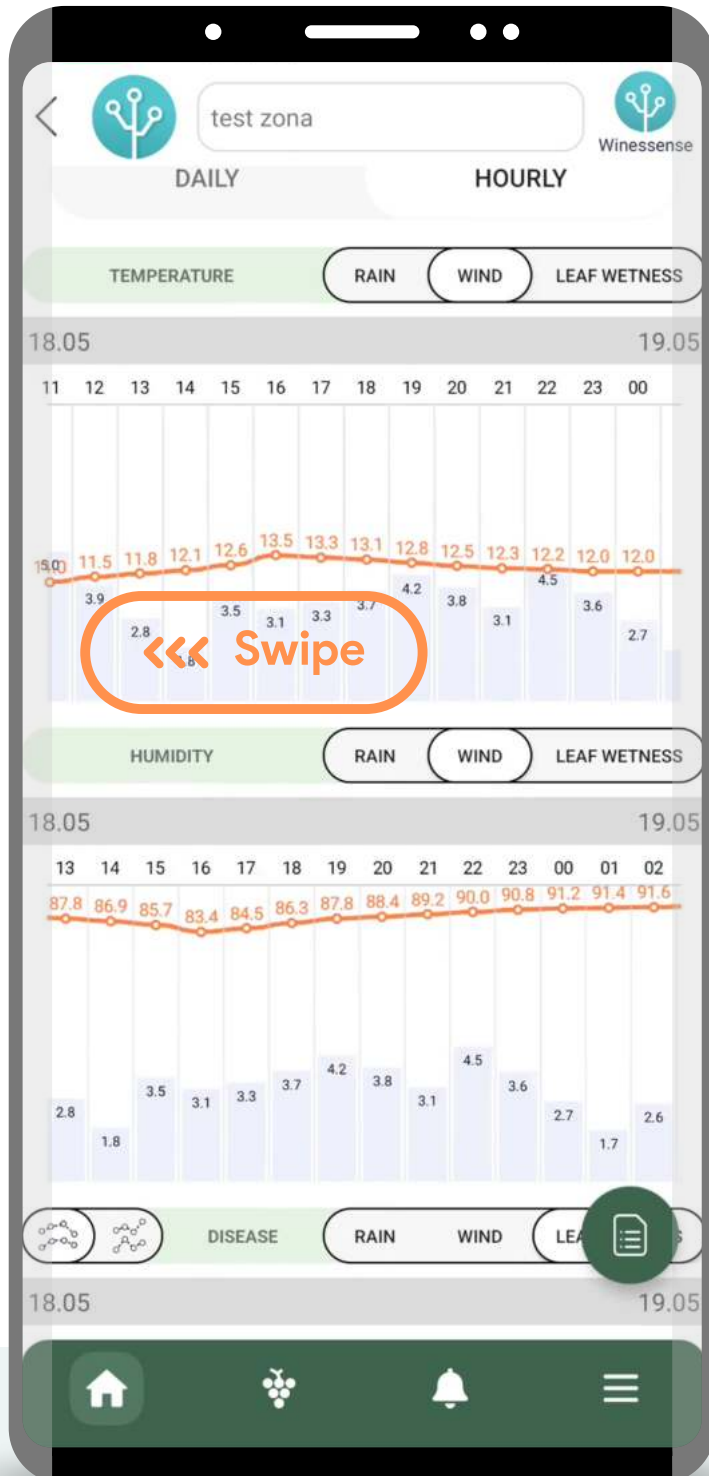


Toggle the bar chart parameter on any of the graphs and select:

- precipitation
- wind
- leaf wetness



HISTORY VIEW



You can use the charts to go back in time too

Just swipe and load more data



MAP VIEW

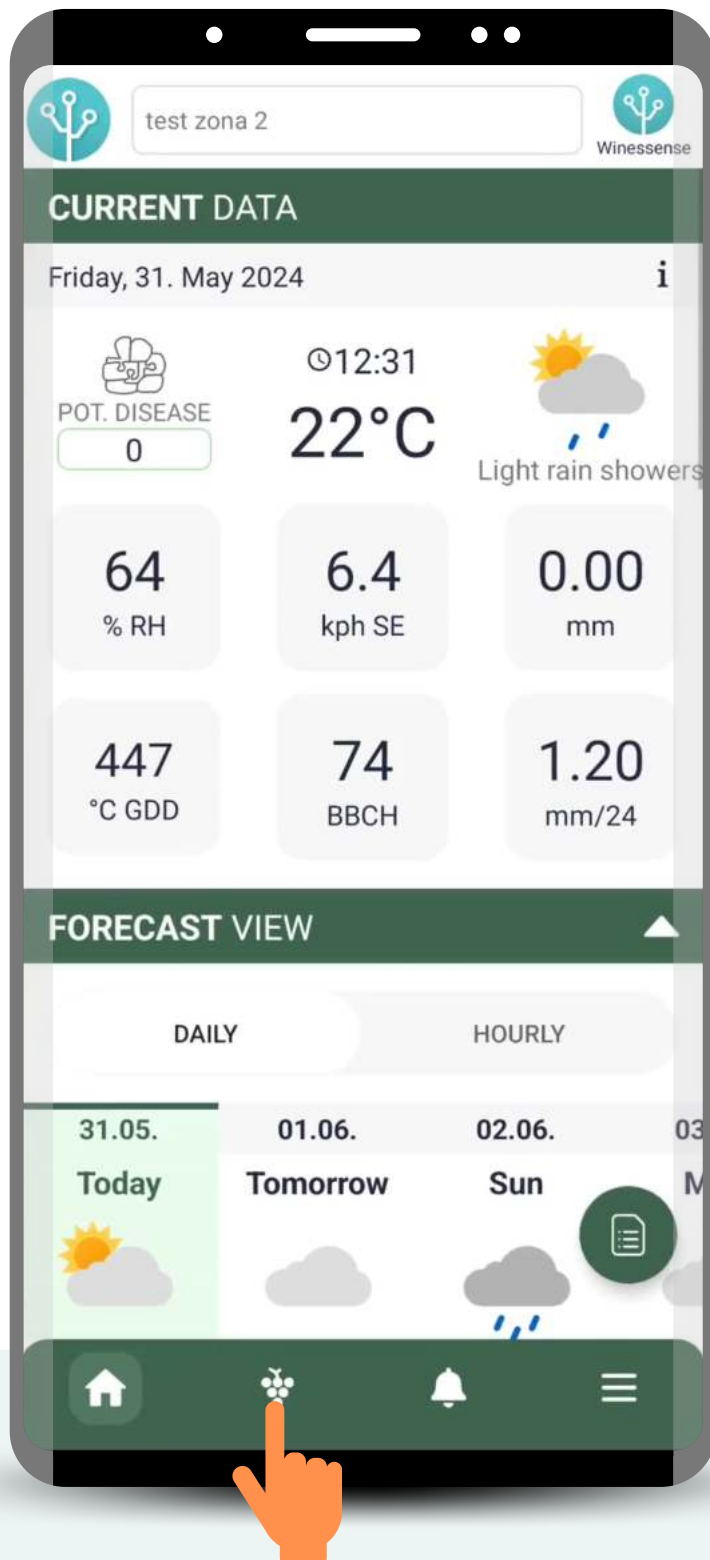
SECTION

**This section helps you
navigate your vineyard's
spacial position.**





MAP VIEW



Click on 'grape' icon to open map view of your vineyard's zones.



MAP VIEW



Current data cards:

- Air temperature
- Relative humidity
- Precipitation
- Wind speed
- BBCH, GDD and HI indices
- BEDD
- Severity
- Last treatment
- Protection level



MAP VIEW



Locate sensor
positions



MAP VIEW



Hone in your vineyard(s) on the map.

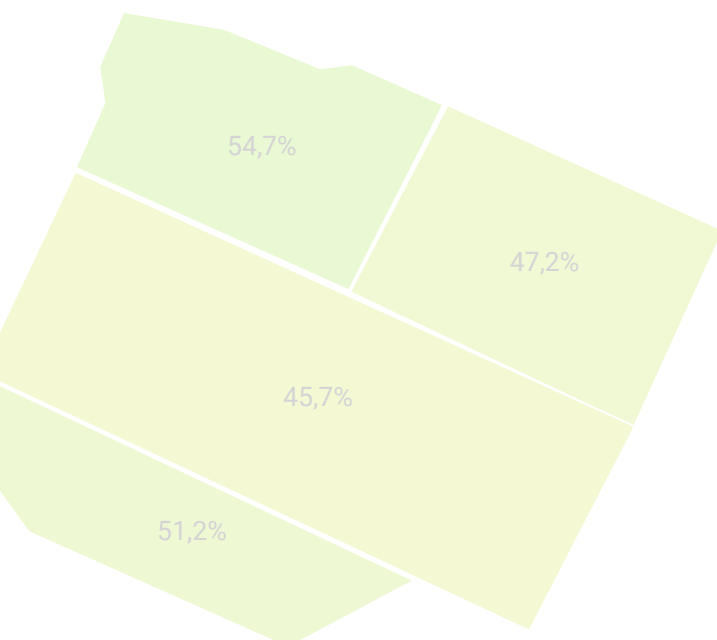
It is possible to zoom in or out on the map as usual.



HEAT MAPS

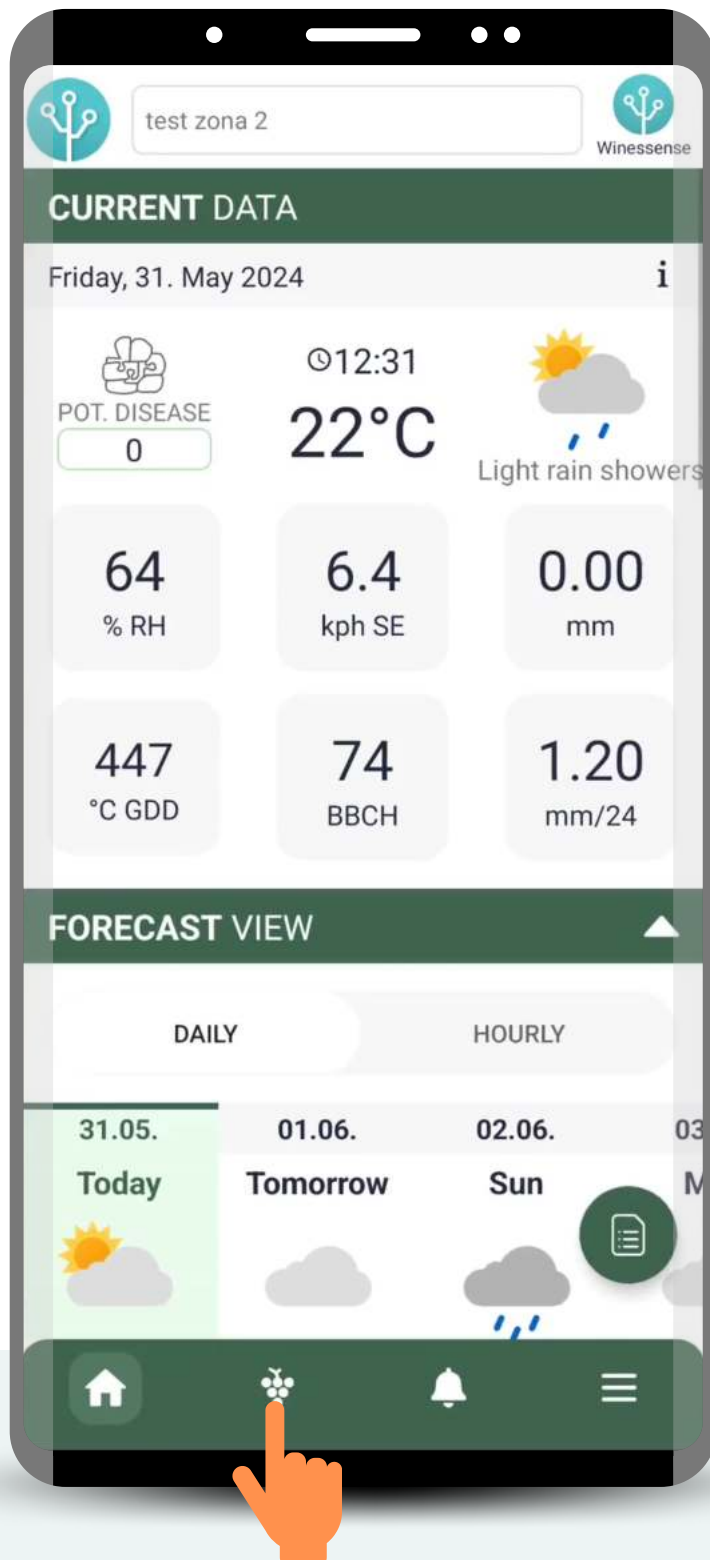
SECTION

In this section the focus is on the differences in the vineyards.





HEAT MAPS



Click on 'grape' icon to open map view



HEAT MAPS

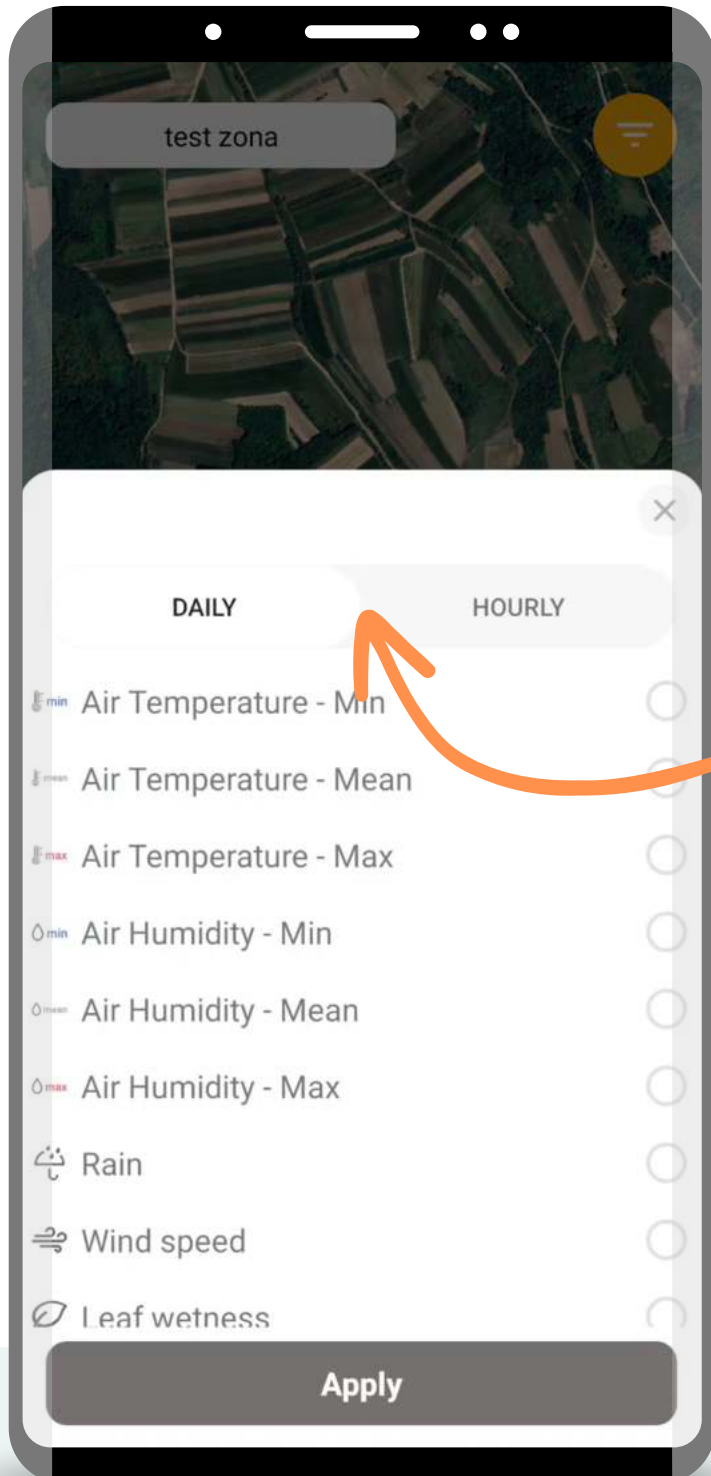


Load detailed data to spot the differences

Choose among different parameters.



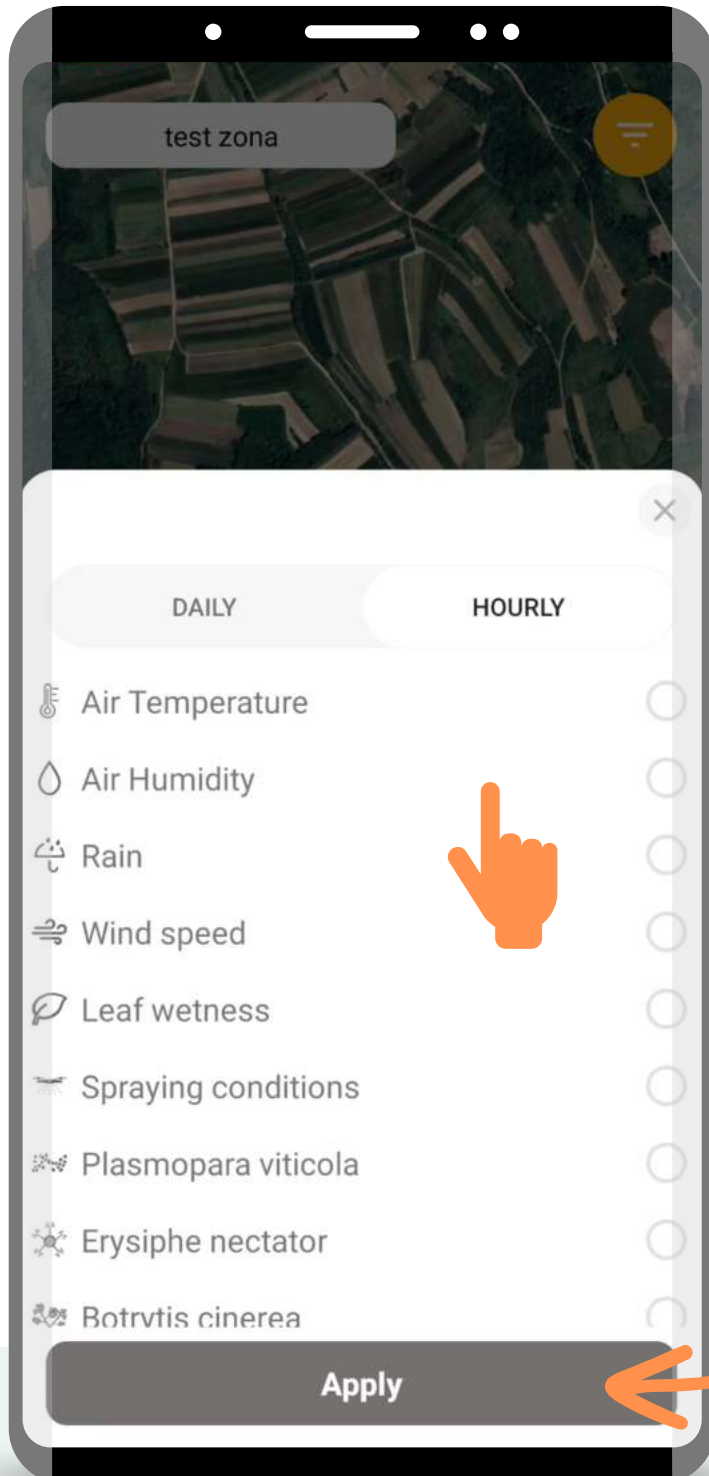
HEAT MAPS



Toggle between
daily and hourly
view



HEAT MAPS

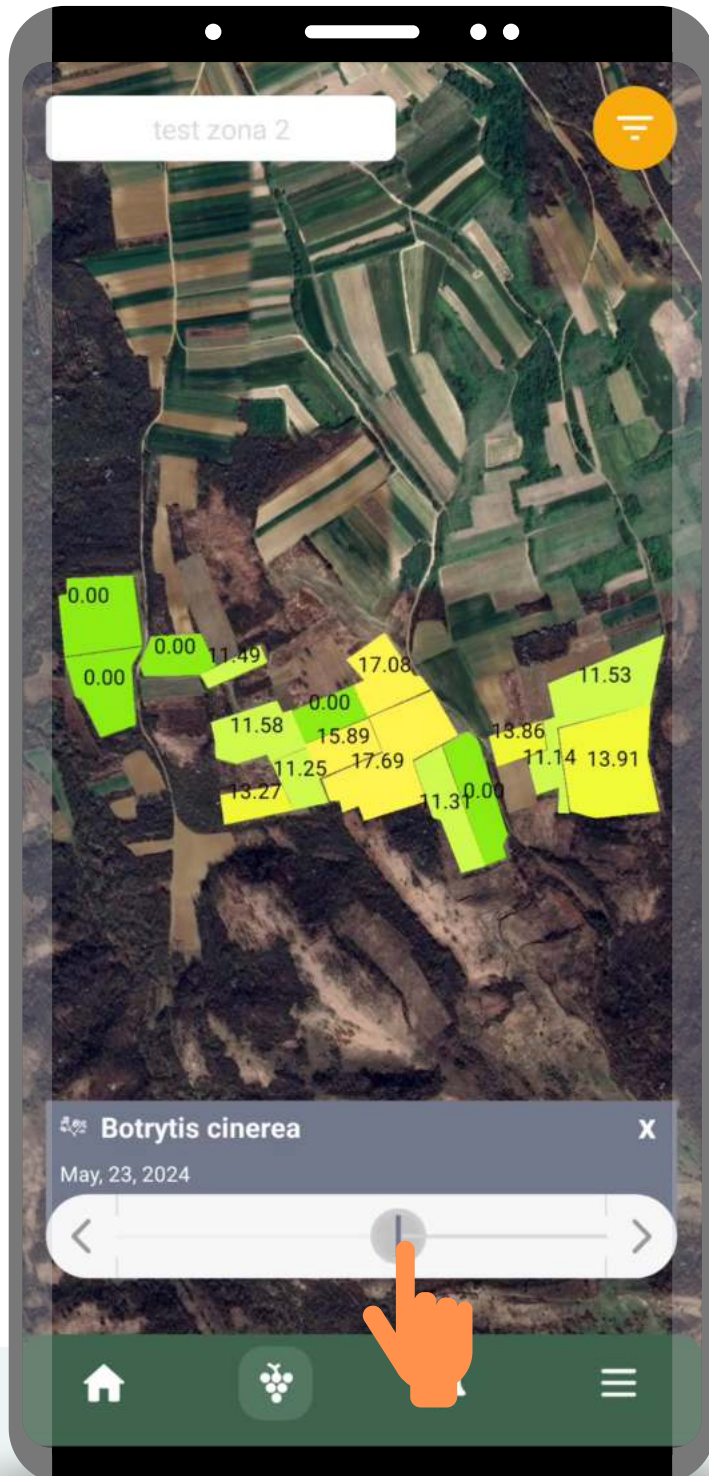


Choose from
selection of
parameters

Apply



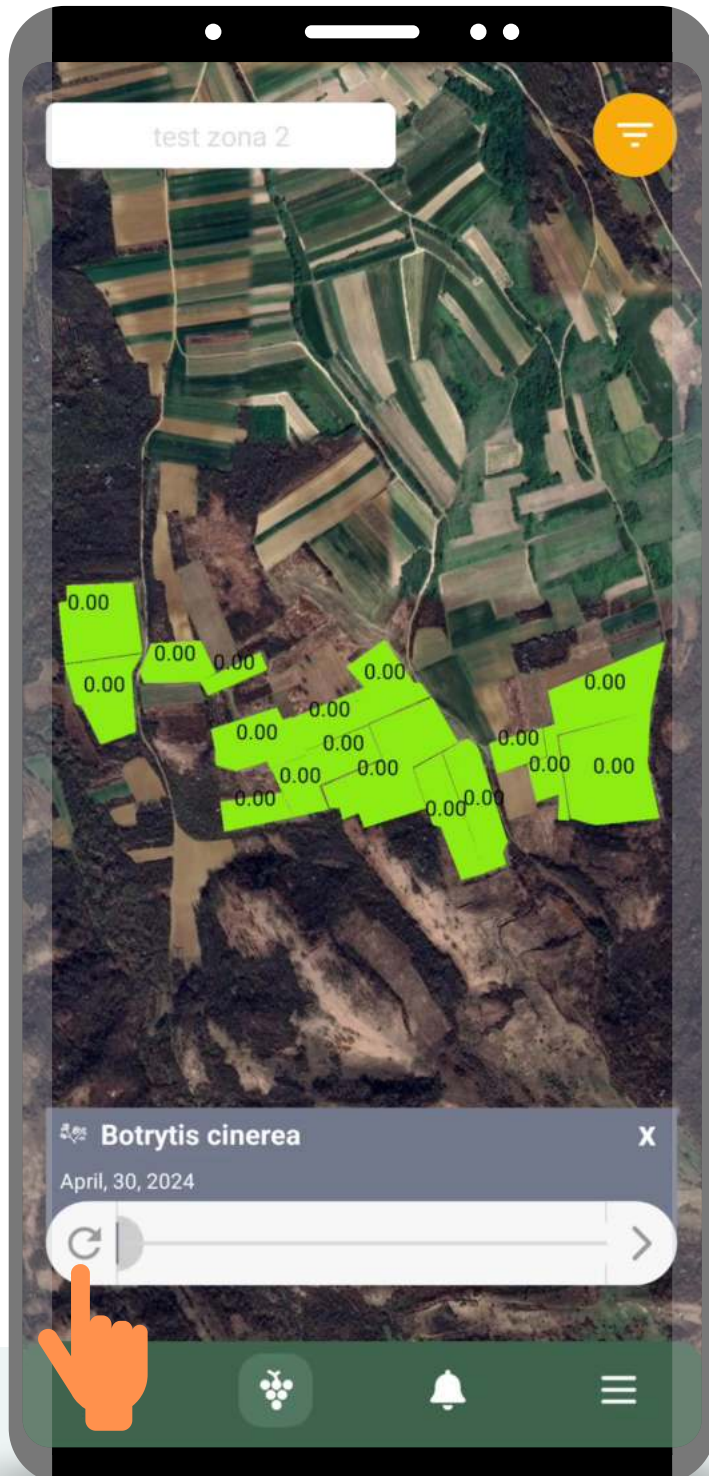
HEAT MAPS



Different colours display different values while you move in time using the bar or the arrows



HEAT MAPS



Click on this symbol to load history data



HEAT MAPS



You can move into the future too using the right arrow

Forecasted data will be highlighted in green



NOTIFICATIONS & CHRONOLOGY

SECTION

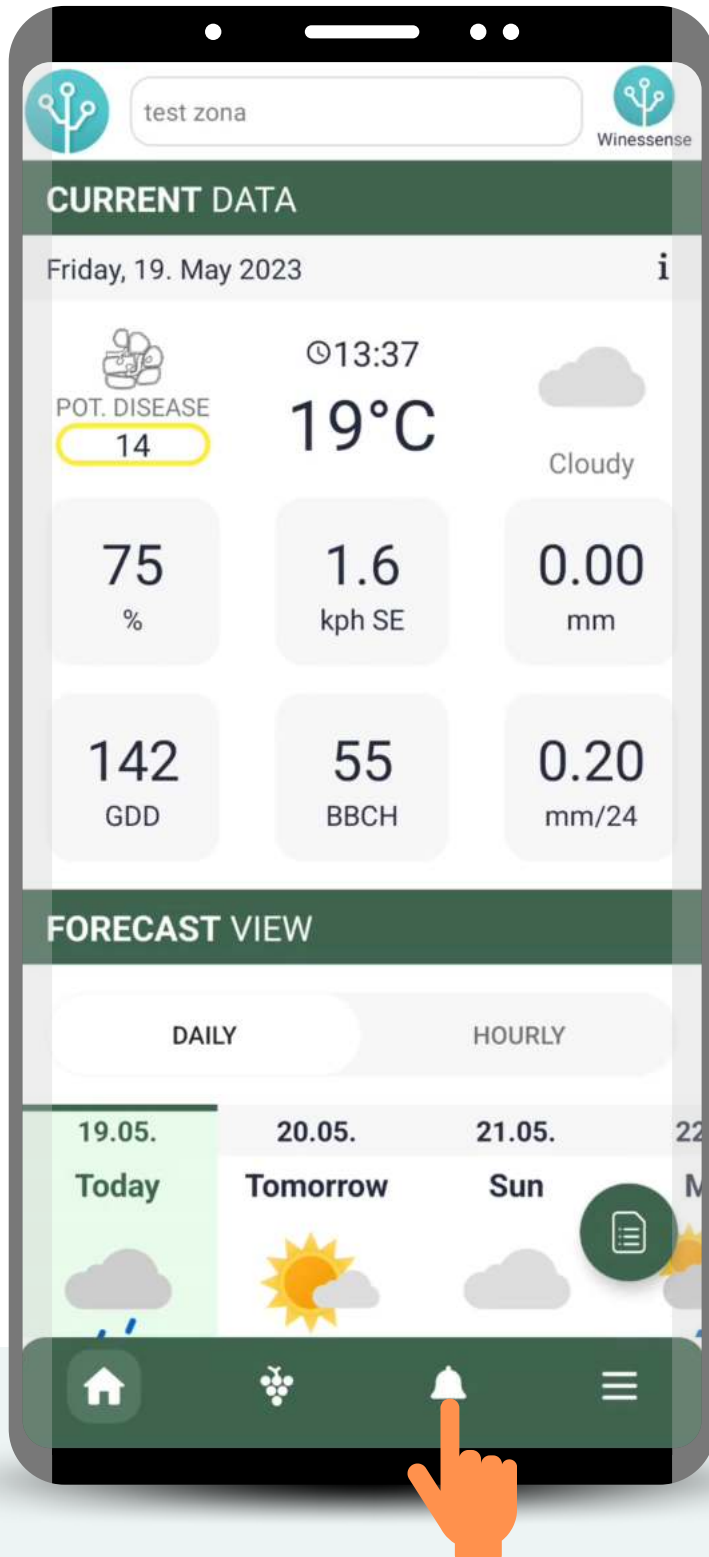


Notifications during a season and chronological progress of the season.





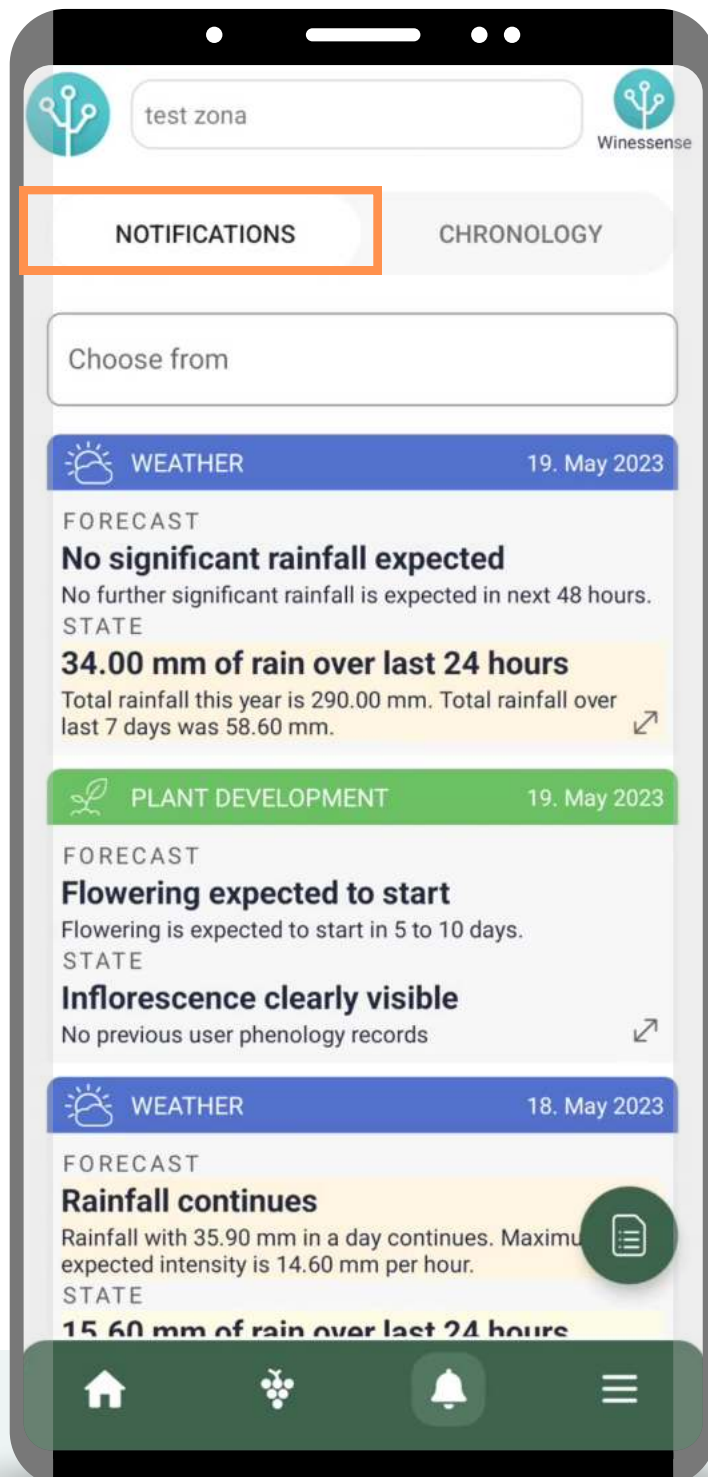
NOTIFICATIONS



Click the 'bell' icon
at the bottom
menu



NOTIFICATIONS

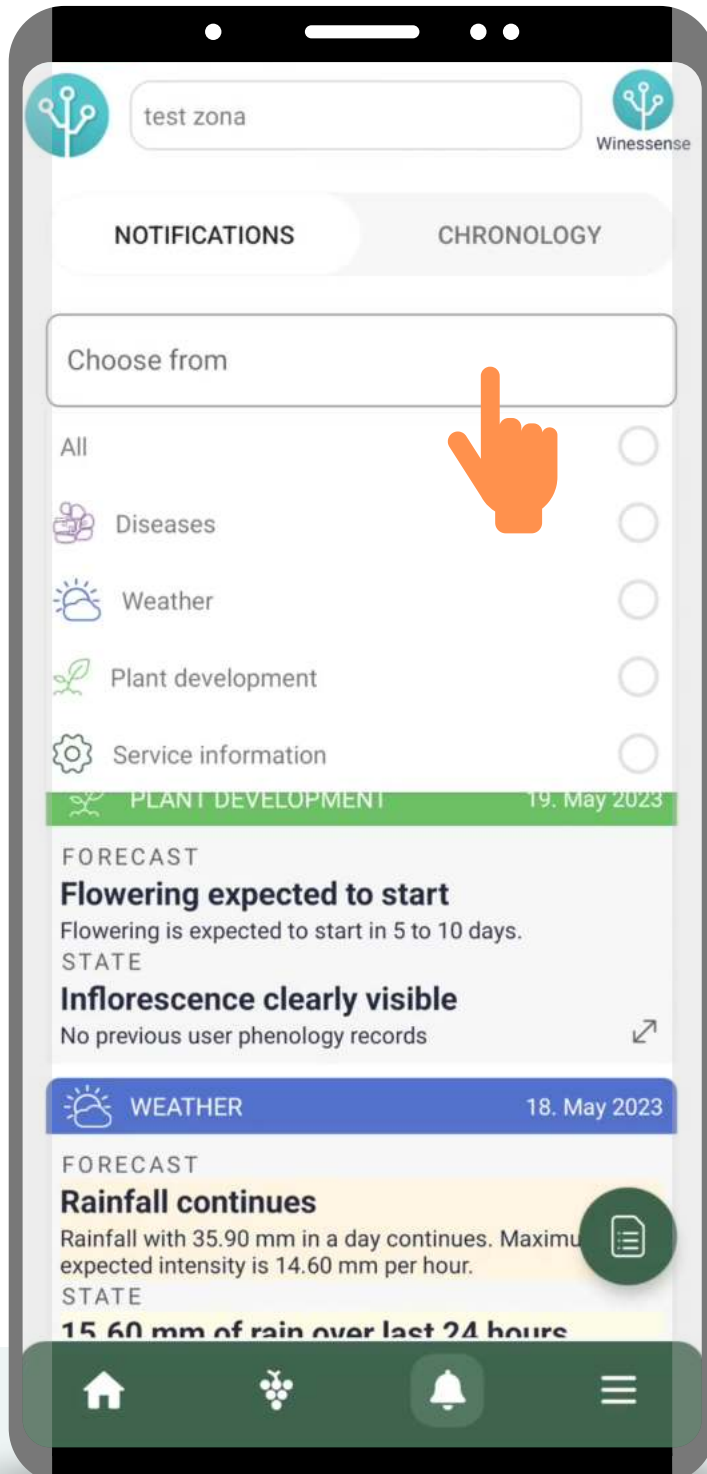


Notifications summarize data of entire zone

Easily toggle between notifications & chronology



NOTIFICATIONS

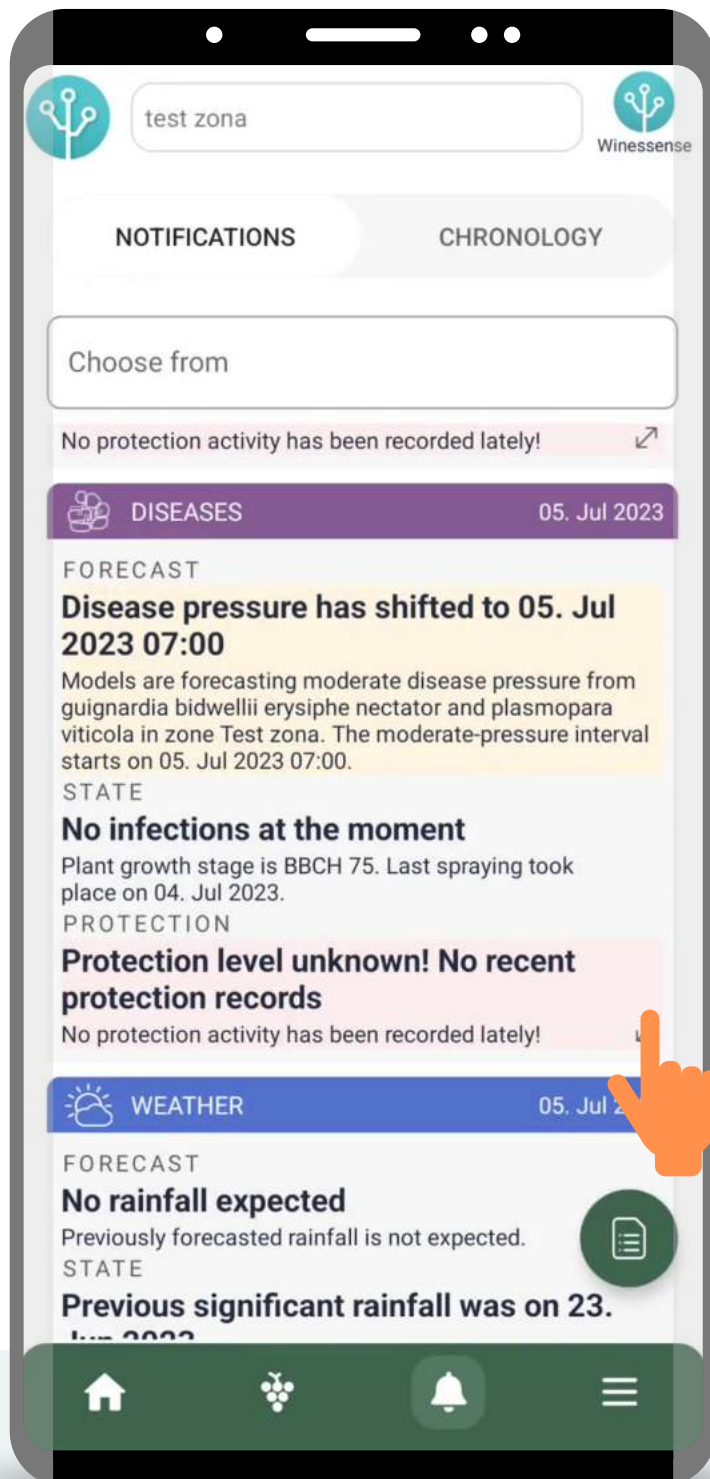


Filter notifications from menu:

- diseases
- weather
- plant development
- service information



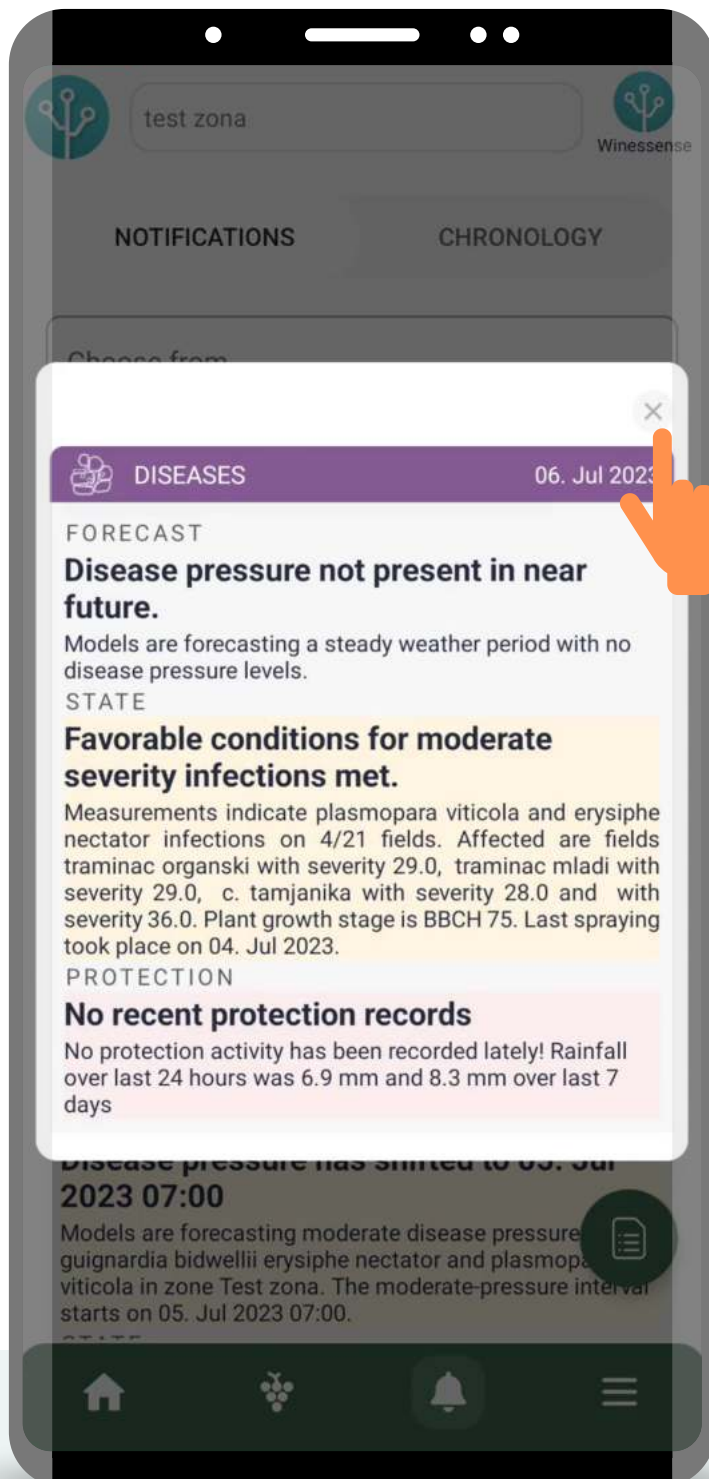
NOTIFICATIONS



Notifications can be expanded



NOTIFICATIONS

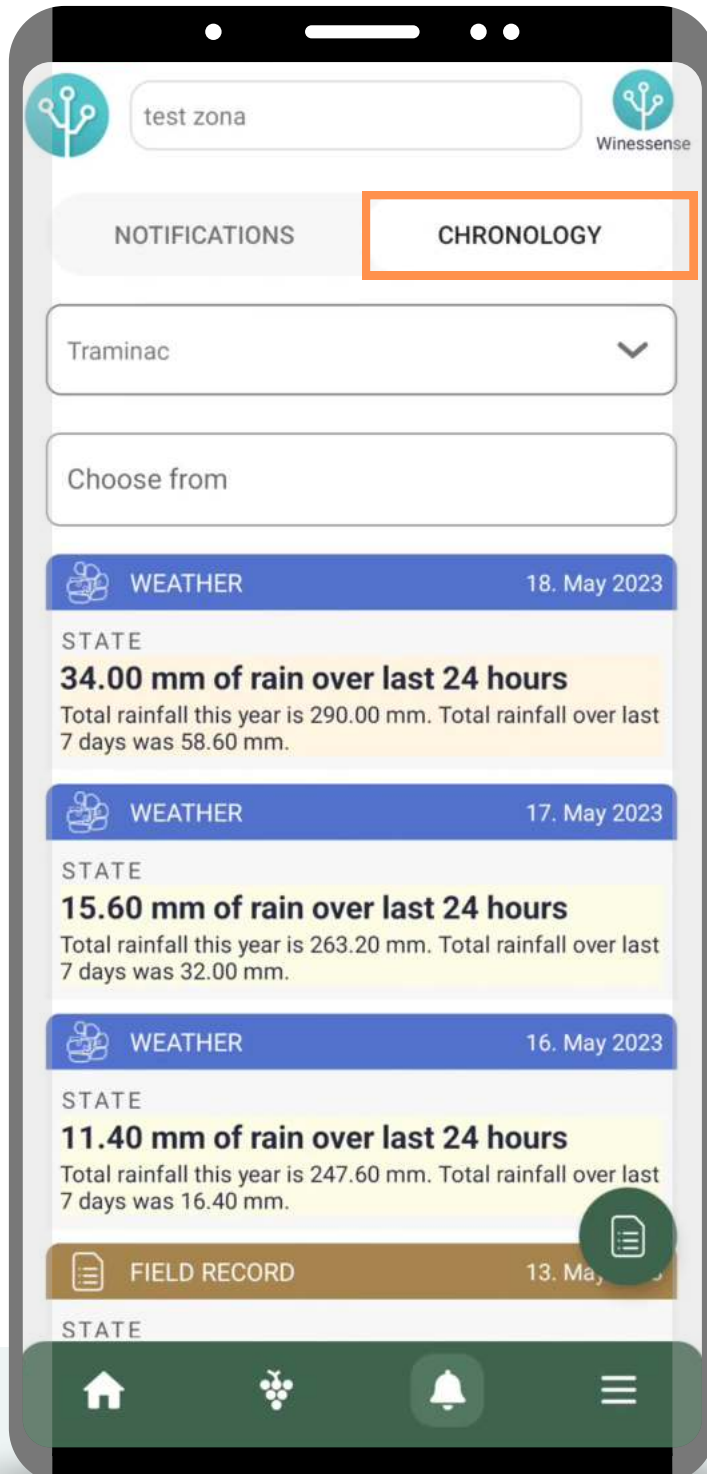


Notifications can be expanded

This will show you more details



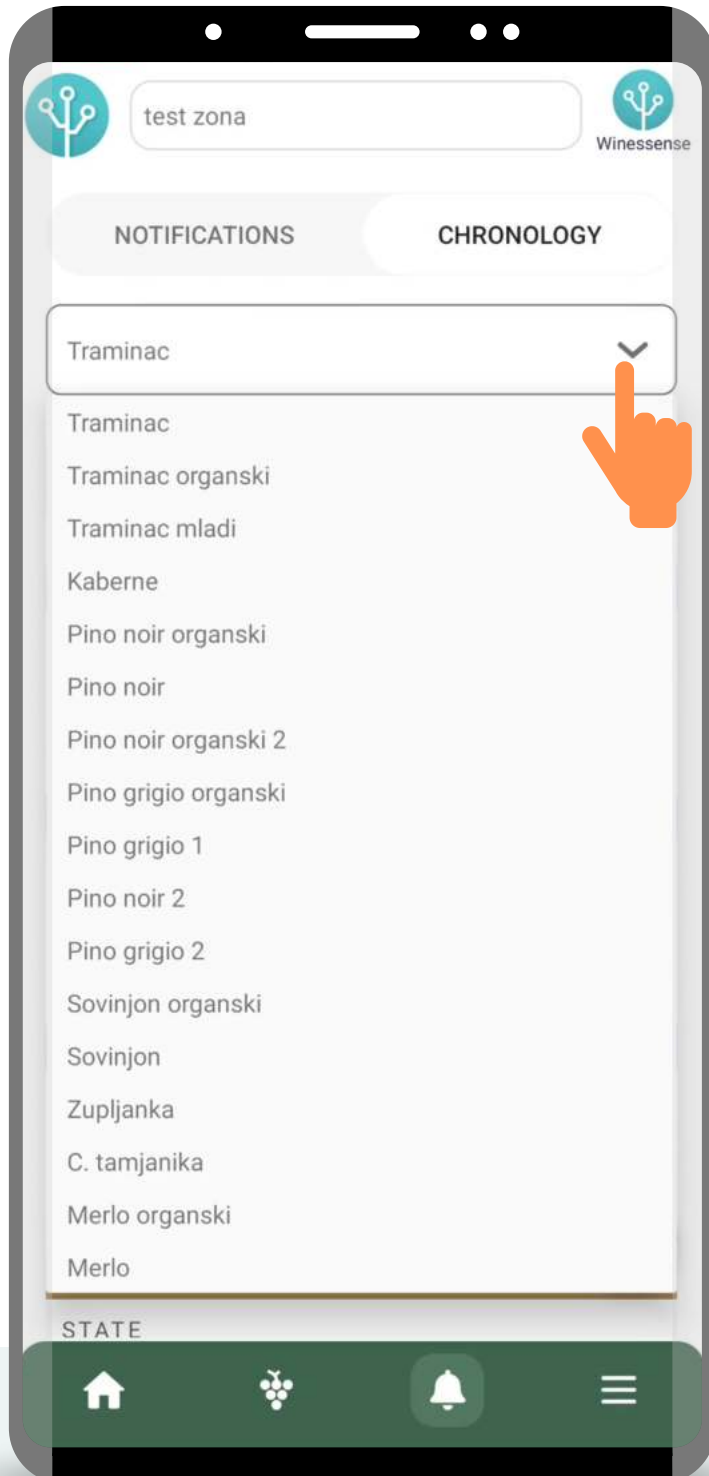
CHRONOLOGY



Chronology is a list of events and notes from one vineyard



CHRONOLOGY



Choose a field from drop menu to display and review



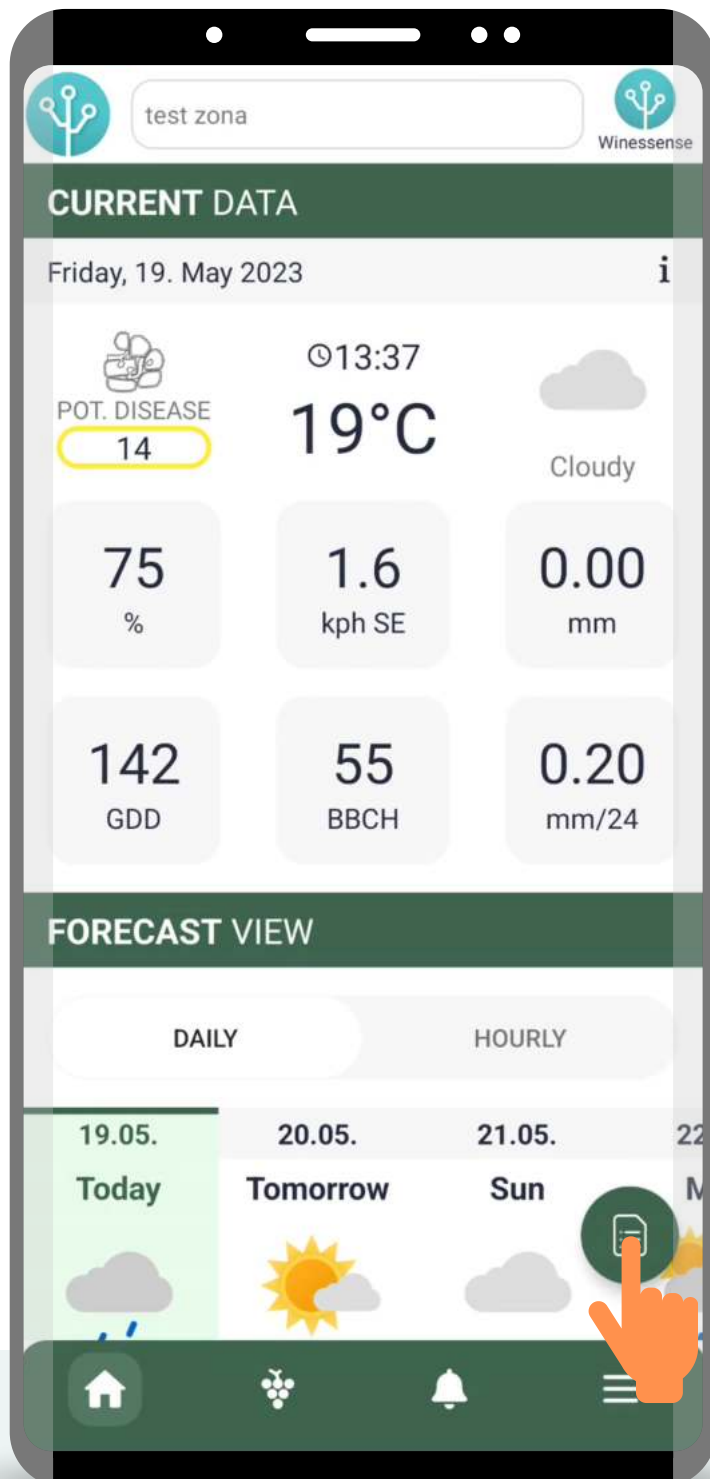
FIELD RECORD SECTION

**The action is in vineyards.
Add the action records by
engaging with green button.**





FIELD RECORD



Choose
'action' button



FIELD RECORD

A smartphone screen displaying the Winessense application. At the top, there's a header with the Winessense logo and a search bar containing 'test zona'. Below this is a section titled 'CURRENT DATA' with a date 'Tuesday, 11. Jul 2023', a clock icon showing '10:16', and a sun icon. A modal form is overlaid on the screen. The form has a close button (X) in the top right corner. It contains the following fields: 'Field *' with a dropdown menu showing 'Choose from' and a downward arrow; 'Action' with a text input field containing 'visit'; 'BBCH *' with a text input field containing '76'; 'Date *' with a date picker showing '7/11/2023' and a downward arrow; and 'Description' with a large text area containing the placeholder 'Type here...'. At the bottom of the form, there's a note: 'Fields marked with * are mandatory'. Below the form are two large orange buttons: 'Save' and 'Cancel'. An orange hand icon is pointing at the dropdown arrow of the 'Field *' field.

Select the
relatable field to
add a new
activity and add
a comment.



FIELD RECORD

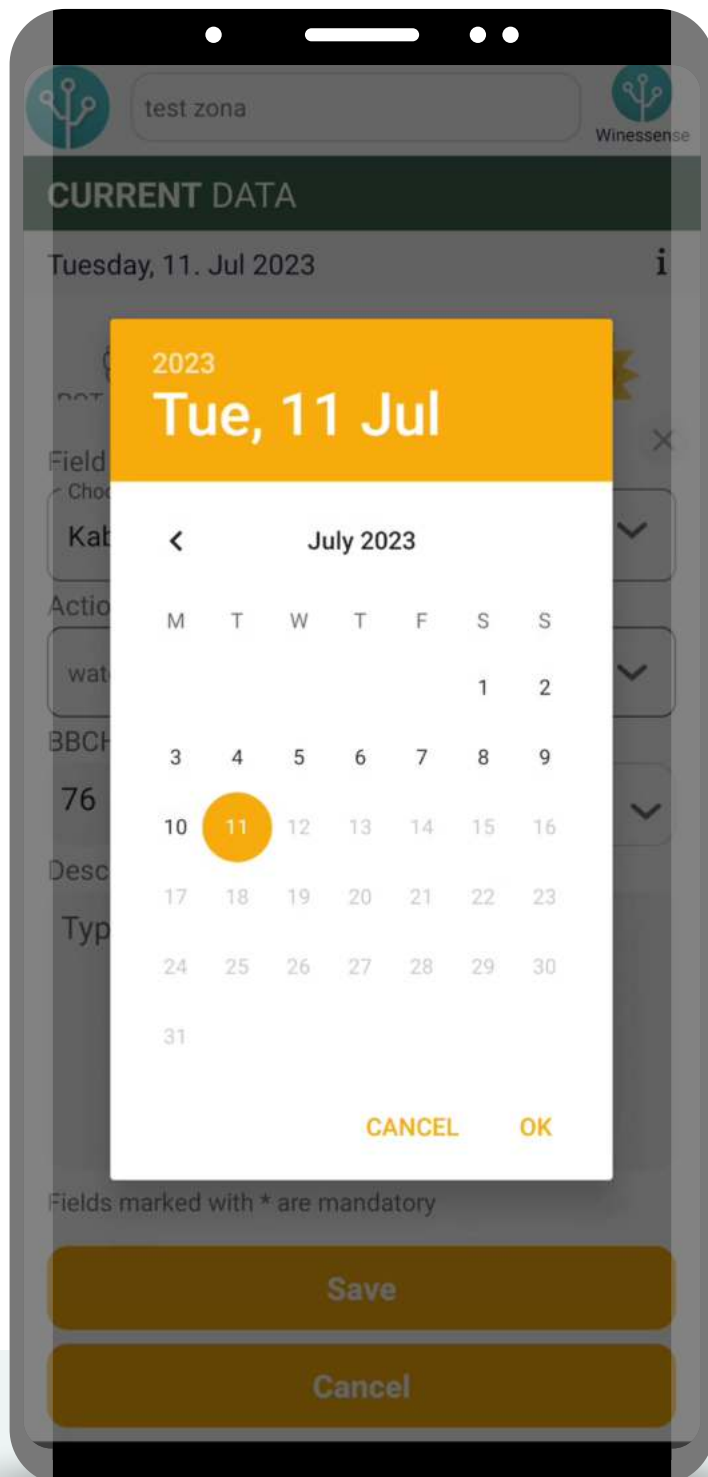
Choose an action:

- visit
- pruning
- spraying
- watering
- fertilizing
- harvest
- other

The screenshot shows the Winessense app interface. At the top, there's a header with the Winessense logo and the text 'test zona'. Below this is a section titled 'CURRENT DATA' showing the date 'Tuesday, 11. Jul 2023' and the time '10:16'. A modal form is displayed in the foreground. It has a 'Field *' dropdown menu with 'Kaberne' selected. Below this is an 'Action' dropdown menu, which is highlighted by an orange rectangular box. A hand icon is pointing at the 'visit' option in the 'Action' dropdown menu. The 'Action' dropdown menu is open, showing a list of options: 'visit', 'pruning', 'spraying', 'watering', 'fertilizing', 'harvest', and 'other'. At the bottom of the form, there are two orange buttons: 'Save' and 'Cancel'. A note at the bottom of the form states 'Fields marked with * are mandatory'.



FIELD RECORD



Select the date



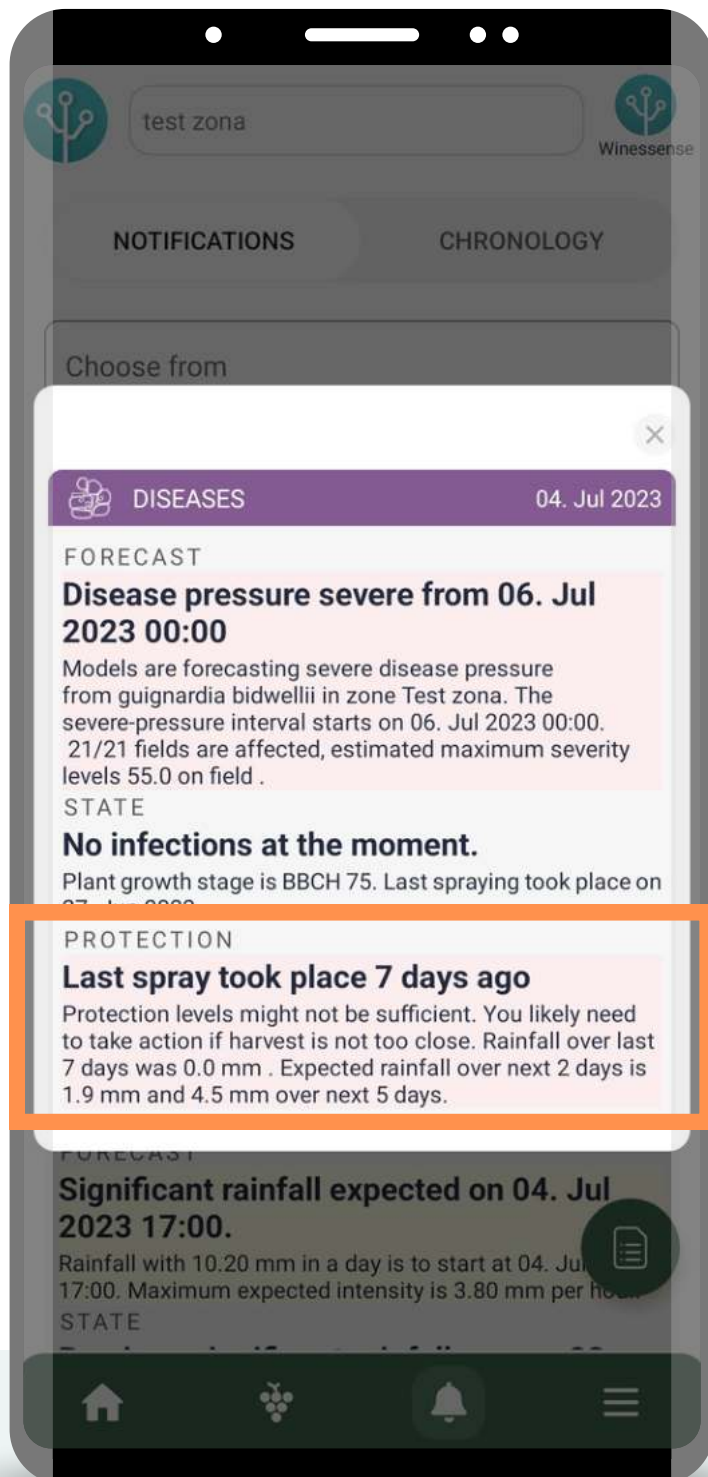
FIELD RECORD

A smartphone screen displaying the Winessense application. At the top, there's a header with the Winessense logo and a search bar containing 'test zona'. Below this is a section titled 'CURRENT DATA' with a date 'Tuesday, 11. Jul 2023', a time '10:16', and a weather icon. A modal form is open in the foreground. The form has a close button (X) in the top right corner. It contains the following fields: 'Field *' with a dropdown menu showing 'Choose from'; 'Action' with a dropdown menu showing 'visit'; 'BBCH *' with a text input containing '76'; 'Date *' with a date picker showing '7/11/2023'; and a 'Description' section with a text area containing 'Type here...'. At the bottom of the form, there's a note: 'Fields marked with * are mandatory'. Below the form are two large orange buttons: 'Save' and 'Cancel'. An orange hand icon is pointing at the 'Cancel' button.

Complete the
other fields &
save event



FIELD RECORD



We use the field records for notifications and to generate seasonal reports



SETTINGS

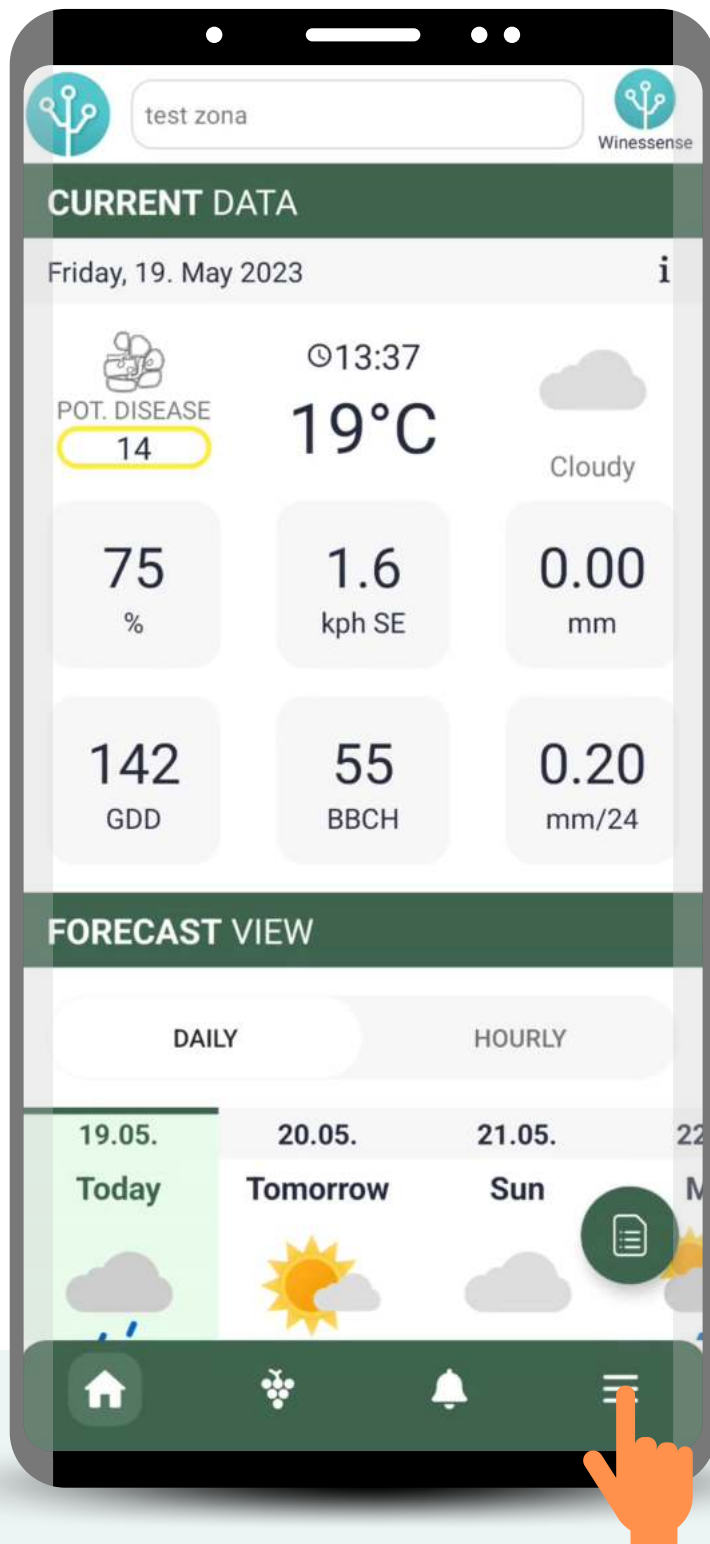
SECTION

This section is used to fine tune your experience.





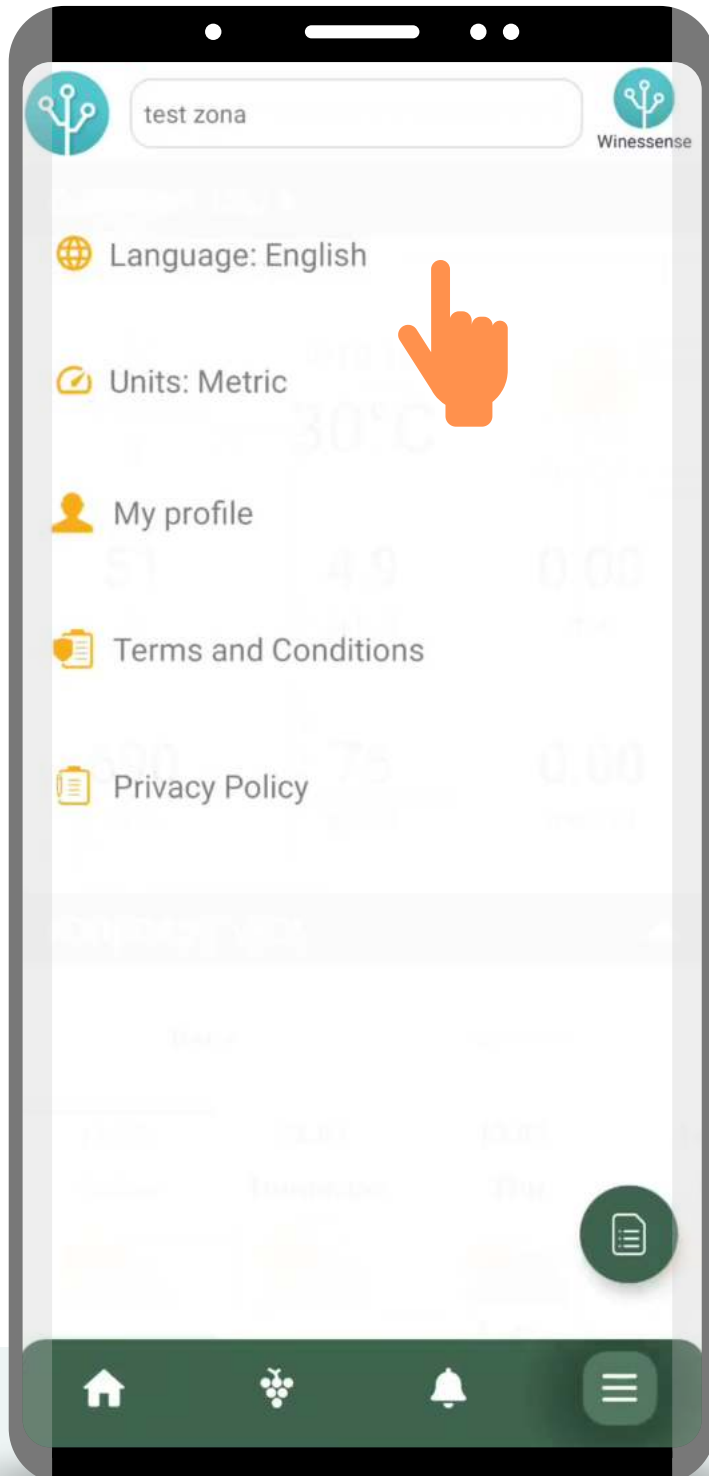
SETTINGS



Choose 'burger' icon at the bottom menu



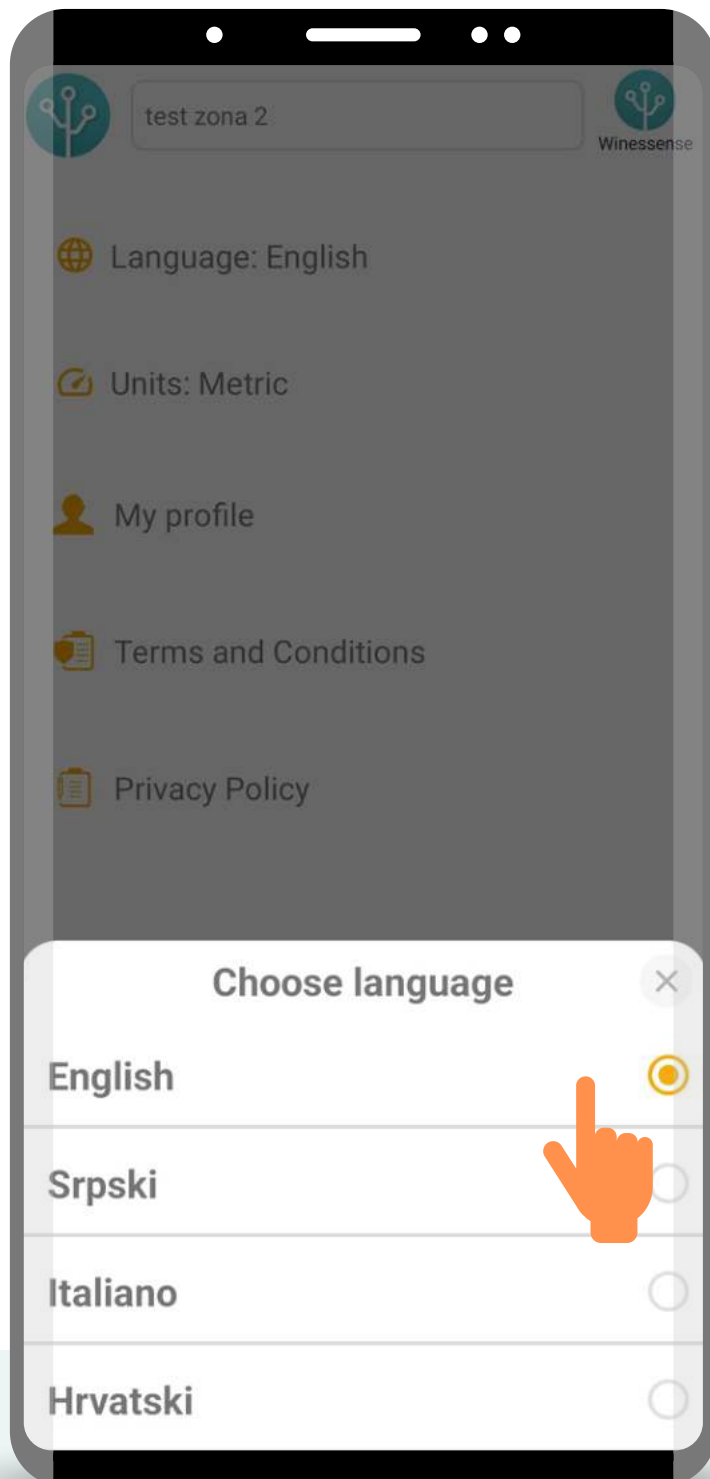
SETTINGS



You can choose a language



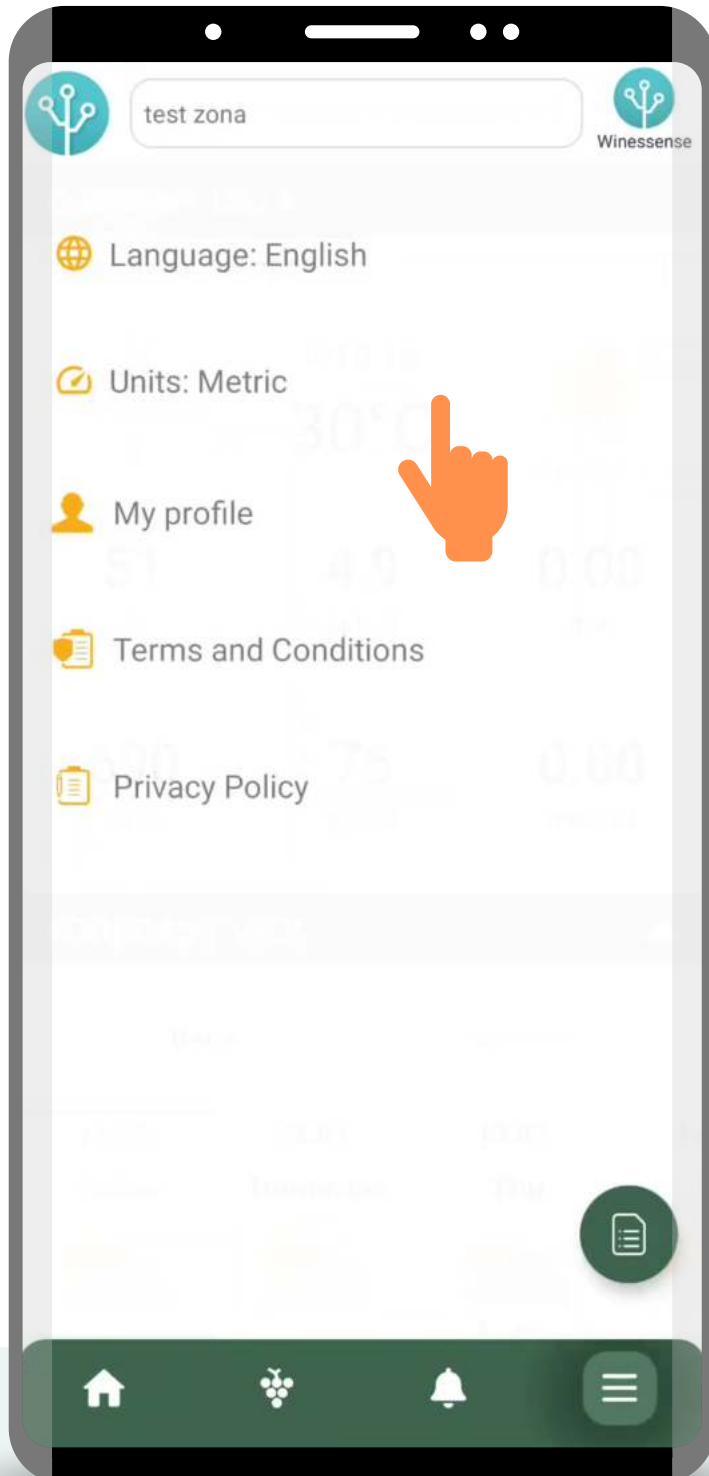
SETTINGS



Choose between
four languages



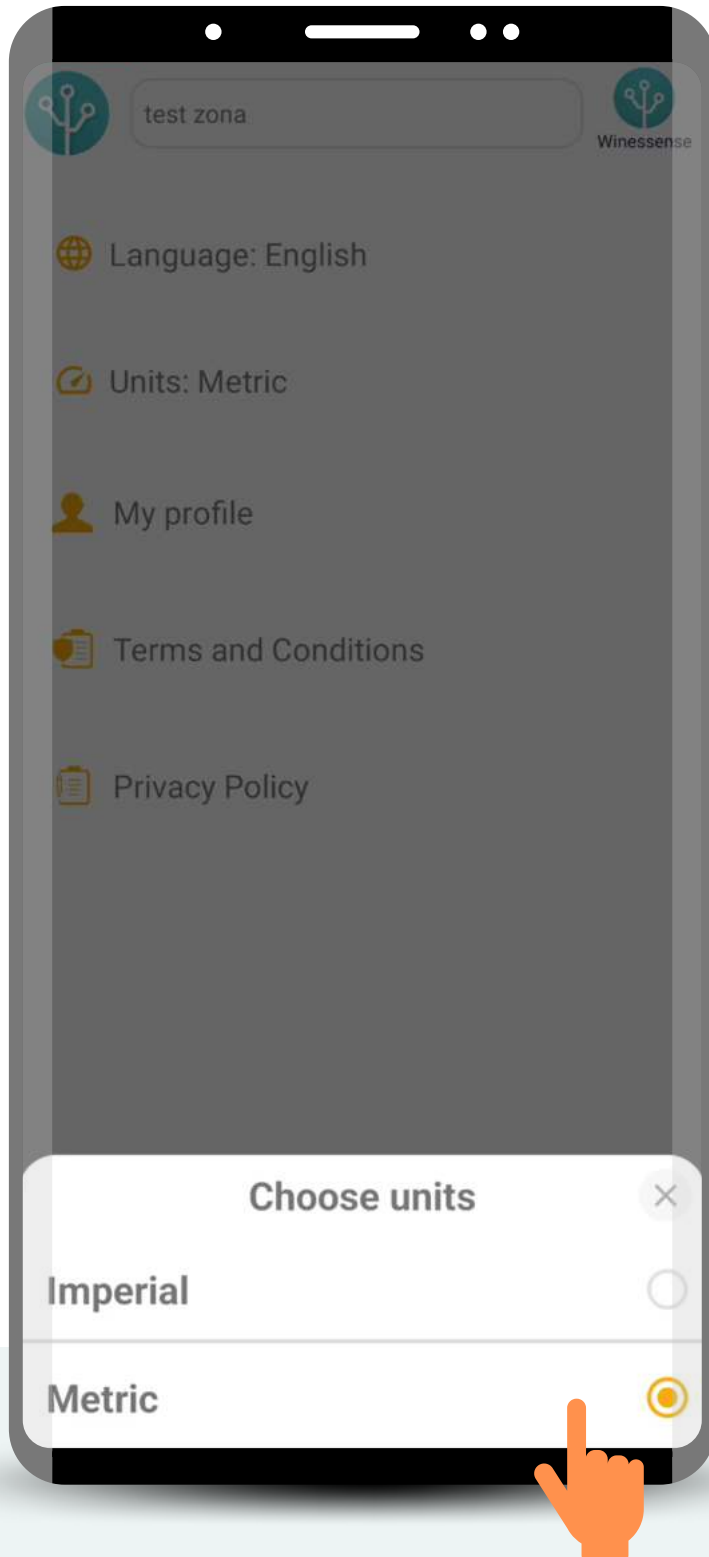
SETTINGS



And units



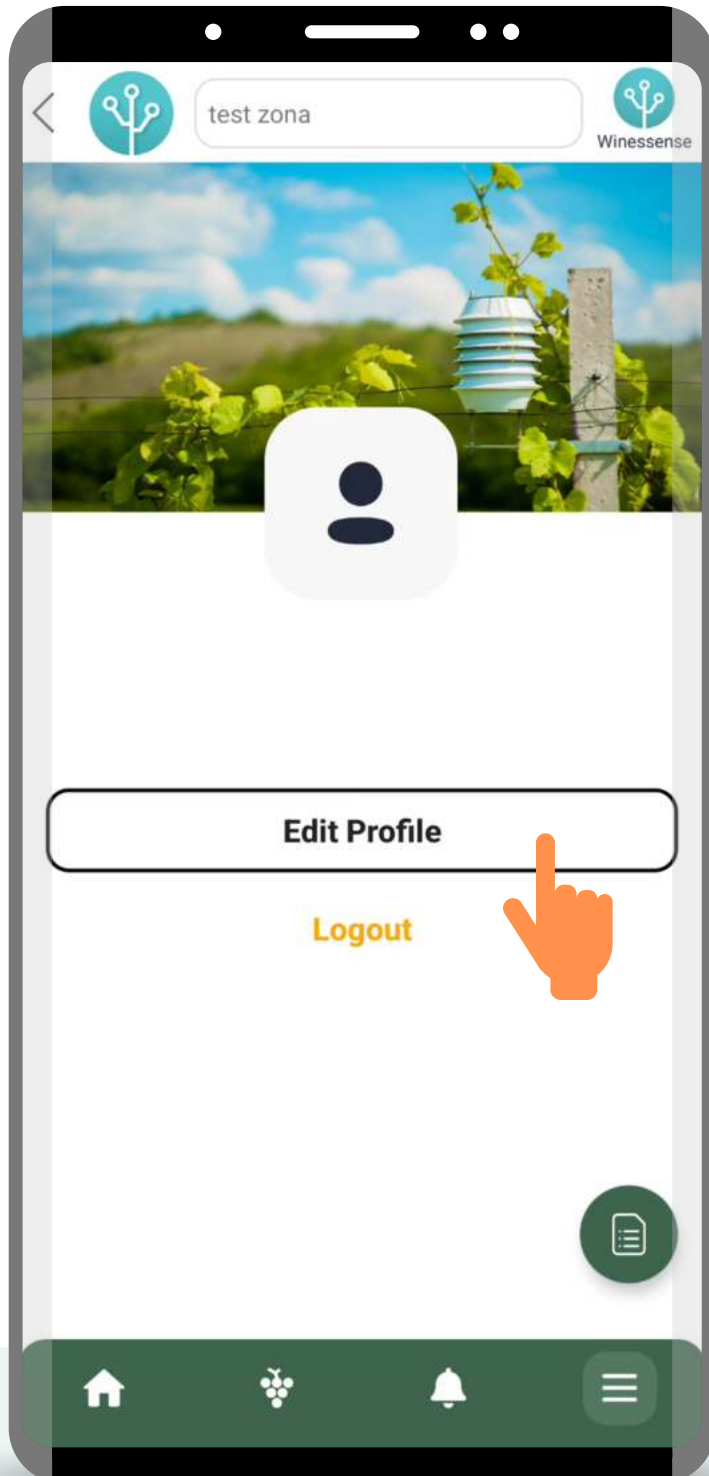
SETTINGS



And units



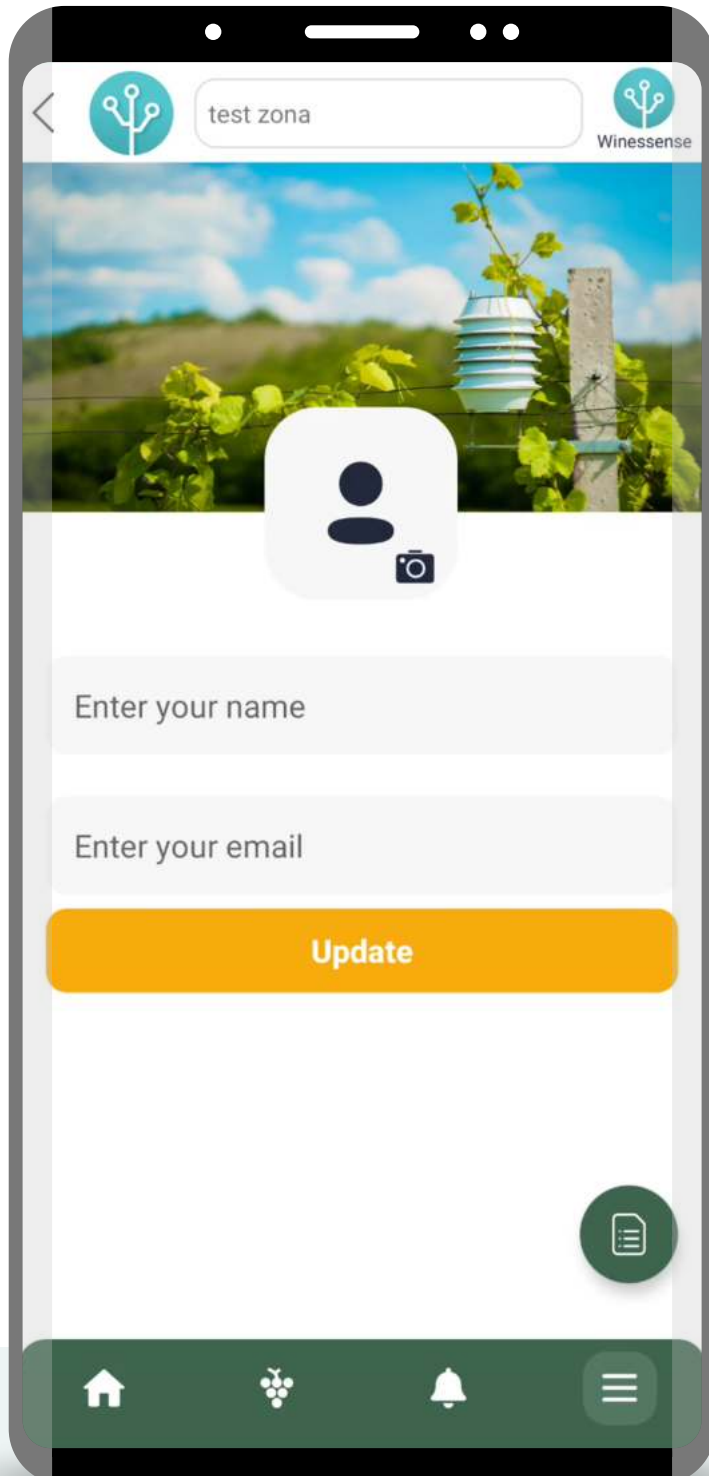
SETTINGS



Edit profile



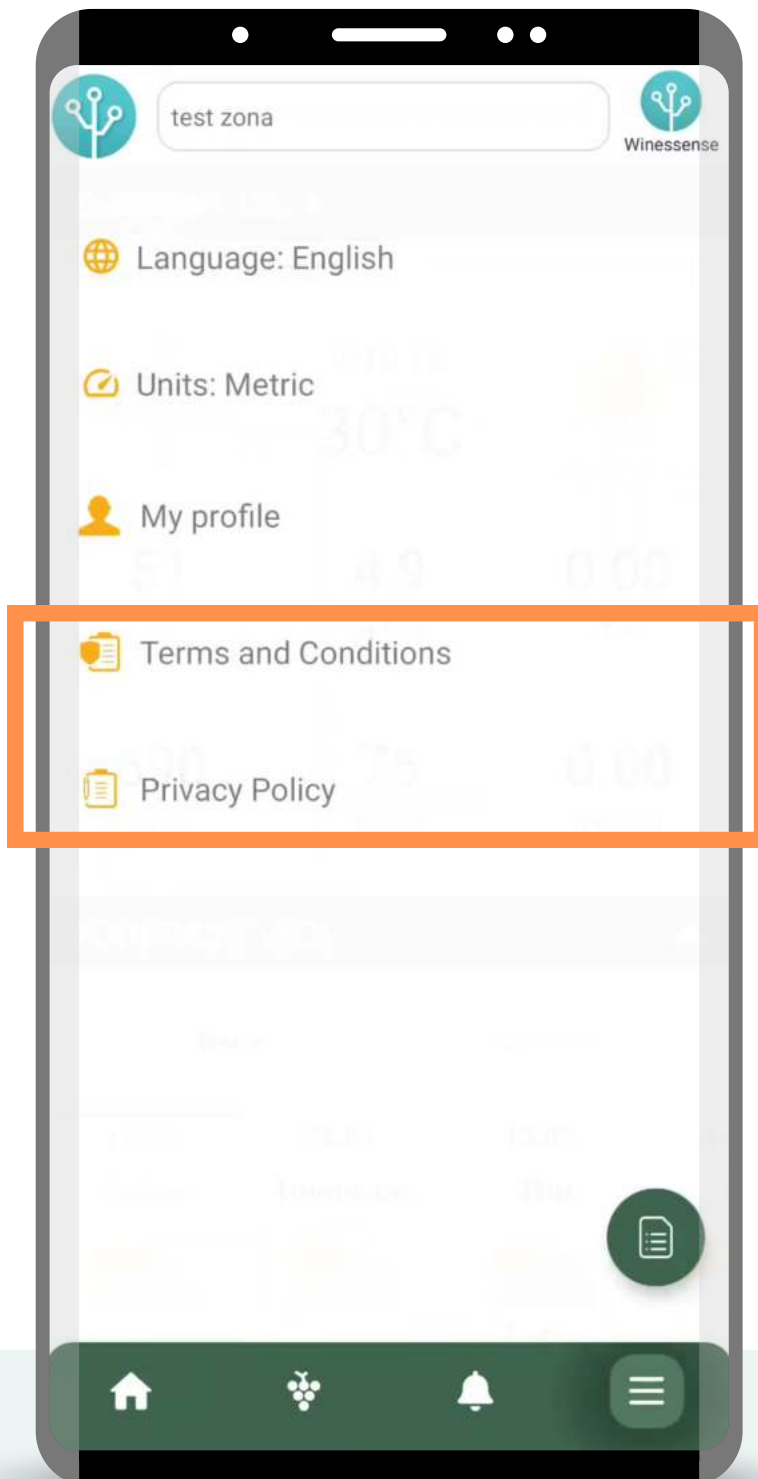
SETTINGS



Add your
personal details



SETTINGS



Terms and Conditions and Privacy Policy




DOCUMENT VERSION	REALISE DATE	CHANGES
1.0	20 Jun 24	Initial release

Table of changes

This document is current as of the release date and supersedes all the previous brochures for these products. Atfield Technologies d.o.o. reserves all the rights to this document and the information contained herein. Products, names, logos and designs described herein may in whole or in part be subject to intellectual property rights. The information contained herein is provided "as is." No warranty of any kind, either express or implied, is made in relation to the accuracy, reliability, fitness for a particular purpose or the content of this document. No responsibility or liability is or will be accepted by Atfield Technologies d.o.o. in relation to the accuracy or completeness of here provided information and any liability is expressly disclaimed. This document may be revised by Atfield Technologies d.o.o. at any time without notice. For most recent documents, please visit www.atfield.tech or contact your sales representative.

Copyright © 2024, Atfield Technologies d.o.o. All rights reserved.



Atfield technologies doo
Jug Bogdana 30 | Bečej, Serbia
+381 63 278 721  

www.atfield.tech
info@atfield.tech
 **video guide**

