

A close-up photograph of a person's hands holding a ripe yellow corn cob. The person is wearing a light blue denim shirt. The background shows a cornfield with green leaves and brown husks. The text 'MAYSDSS' is overlaid in white, with a white silhouette of a corn cob integrated into the 'D'.

MAYSDSS

DSS for corn cultivation

Why choose **MAYSDSS**



Increase

the quality and quantity
of corn



Monitor

the state of the fields,
even remotely



Reduce

management costs



Defend

in advance from pests



Optimize

the use of inputs (water,
treatments, fertilizers)



FIELD MAPPING

Geolocate the field on the map and draw it: features will be immediately hooked. You can enable the cadastral map and enter sheet and parcel information.

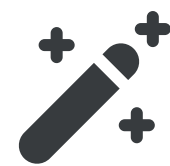
Use one of the following methods to create your field.



Draw on map

Locate the plot on the map and draw it manually.

✓ Select



Automatic detection

Locate the plot on the map and enable automatic detection to map the field with just one click.

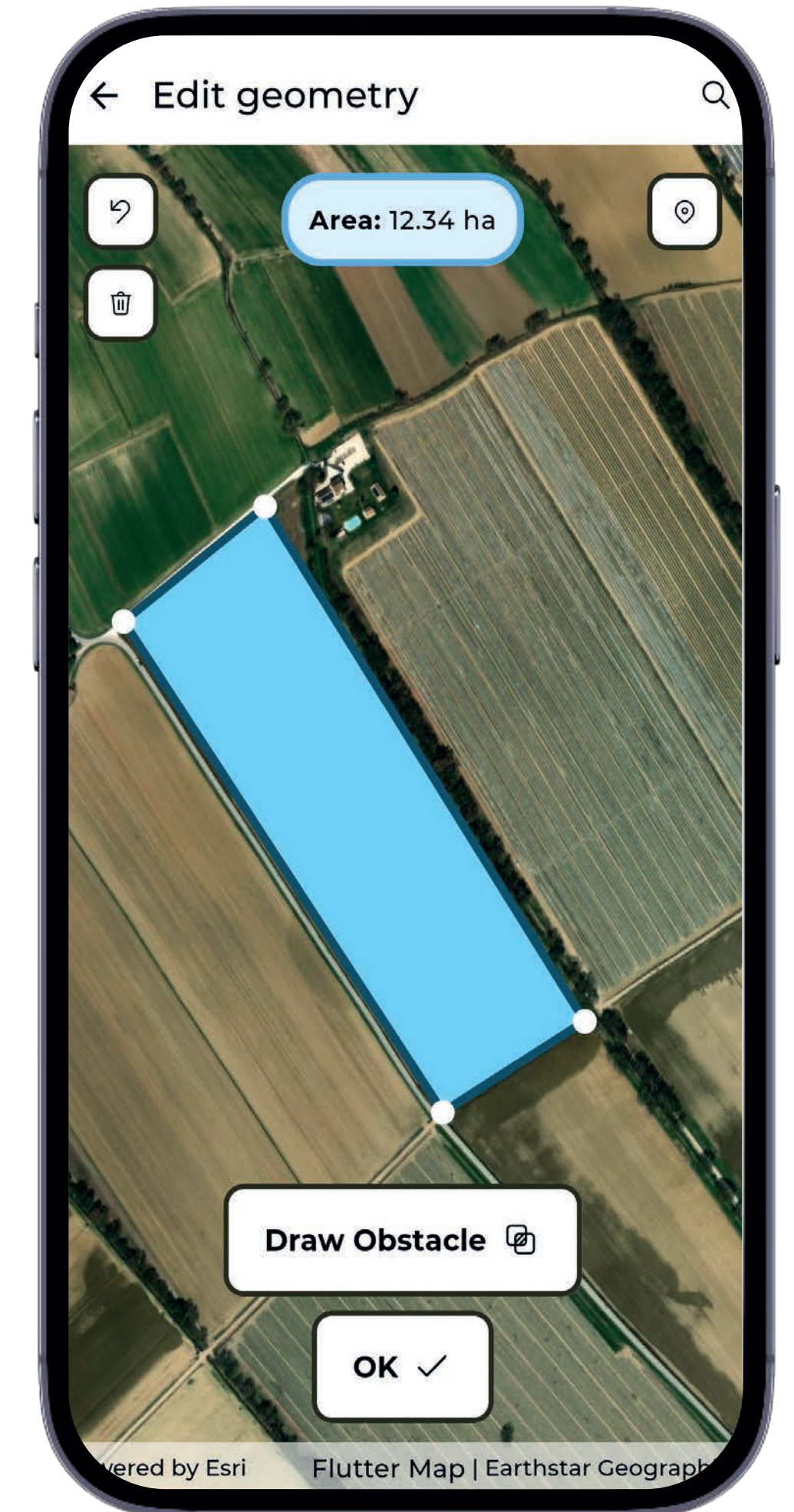
✓ Select



Upload files

Upload a .shp or .kmz file..

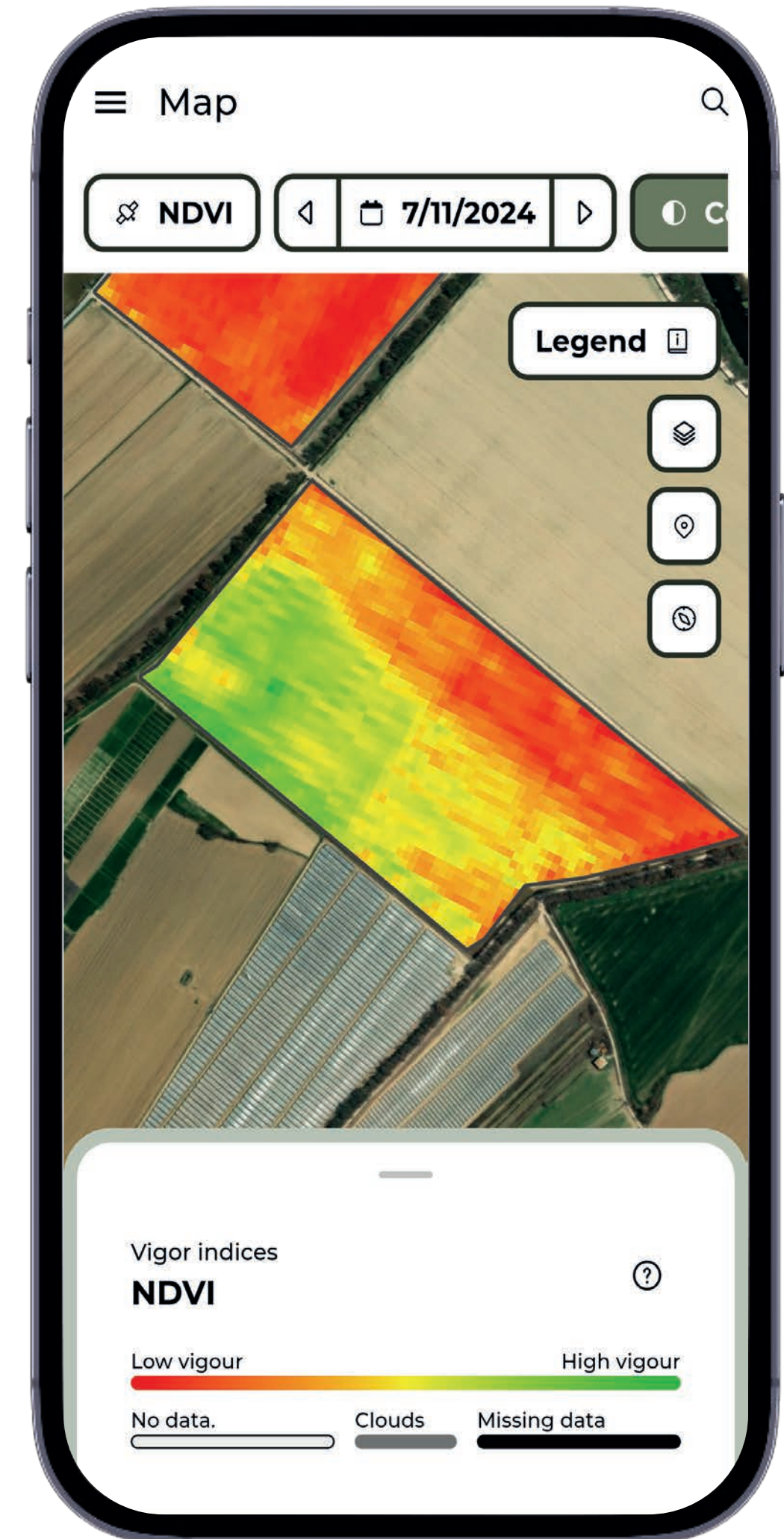
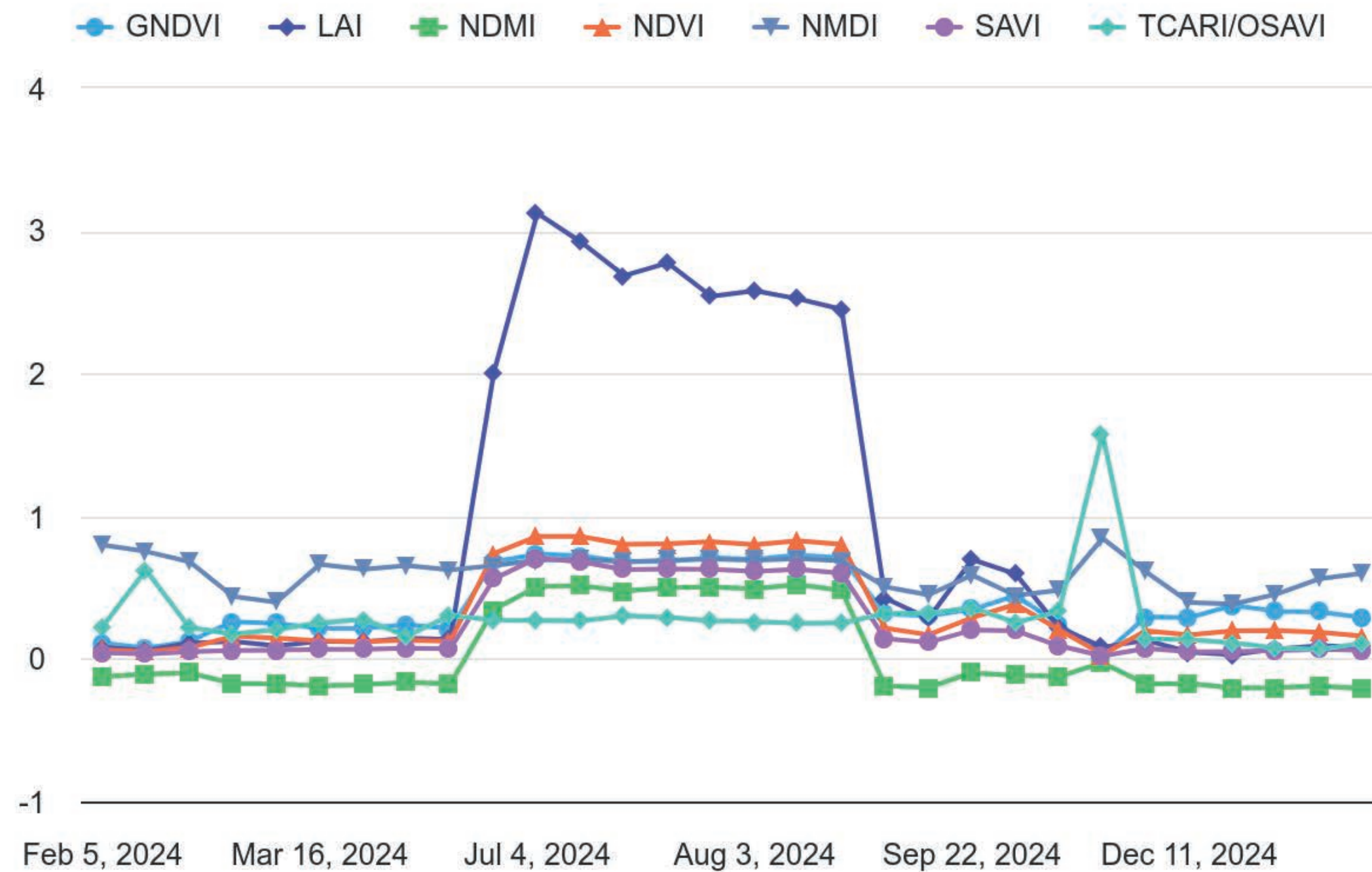
✓ Select





SATELLITE IMAGERY

Consult Sentinel-2 satellite images with vigor, water stress and chlorophyll indices to assess crop health and plan monitoring activities.



Features



WORK



TASK MANAGEMENT

Create and assign to your collaborators the activities to be carried out in the farm **in real time**.



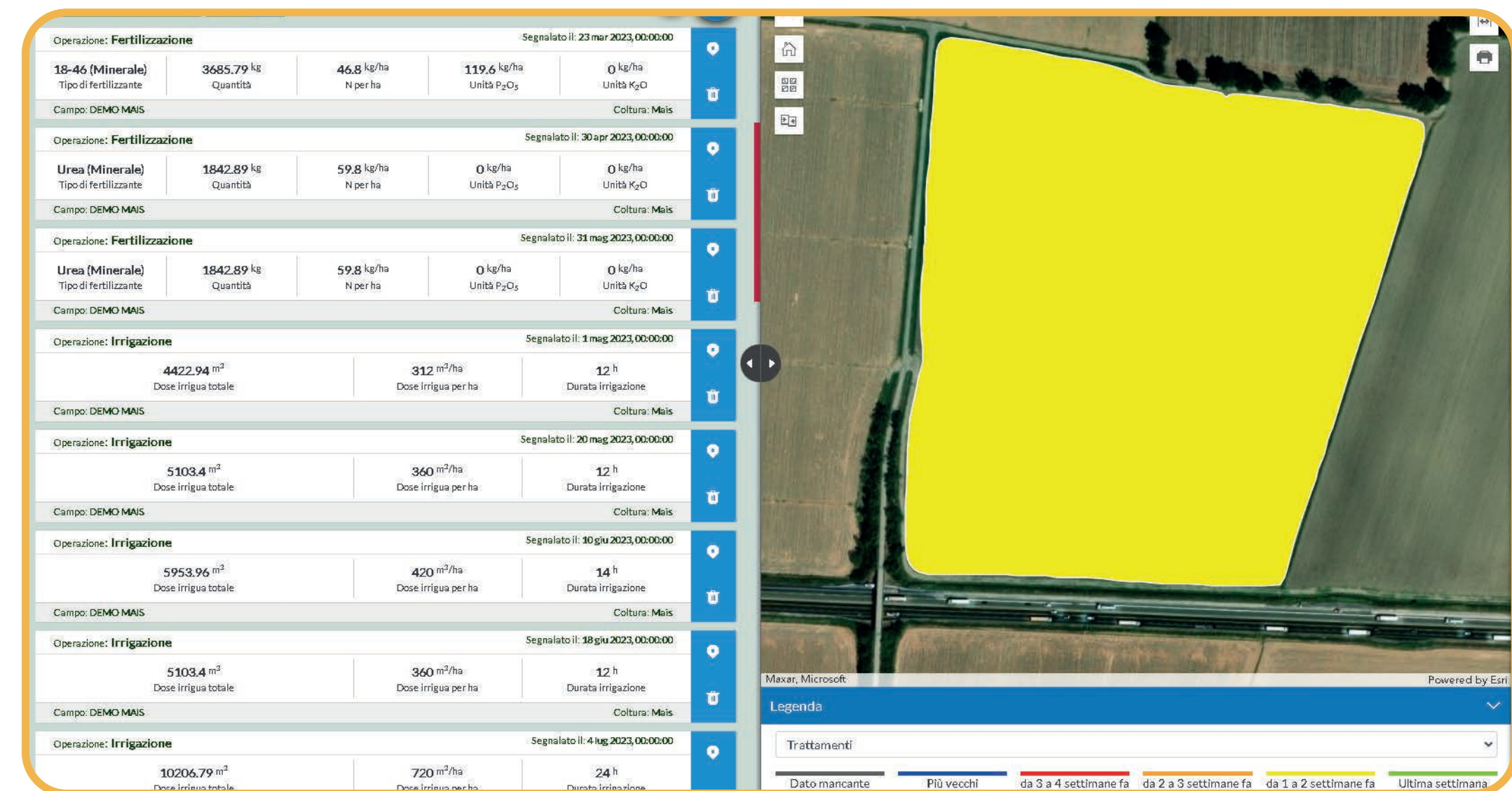
MACHINERY

Register your agricultural machinery, any problems and maintenance carried out. You can also connect them to Agricolus by using **Agrirouter**.



CROP OPERATIONS

Register where, how and when crop operations such as irrigation, treatments and fertilization have been carried out.



Lot code: J12756



Landing page

<https://web.agricolus.com>



[Visit page](#)



The QR code on the mask will allow easy access to the web page dedicated to the product traceability. In this way, all detailed product information can be consulted with great convenience









PRODUCTION LOTS


Create and assign to each crop its own production lot to improve **traceability** of operations. A **QR code** is also generated that allows you to access and share the dedicated web page where you can consult all the information on the product.



SUSTAINABILITY

Monitor the **economic** (yield, production) and **environmental** (water consumption, input control and farm biodiversity) **sustainability indicators** of your farm. You can set the level to be reached for each indicator and monitor how the work is going.

-  Economic 
-  Environmental 
-  Targets List 

 ENVIRONMENTAL INDICATORS ENVIRONMENTAL ?

Environmental indicators focus on the impact of agricultural practices on the surrounding environment

Water

Indicator	Value
Total water consumption	5980.21 m ³
Average water consumption	163.1 m ³ /ha

Fertilizer

Features

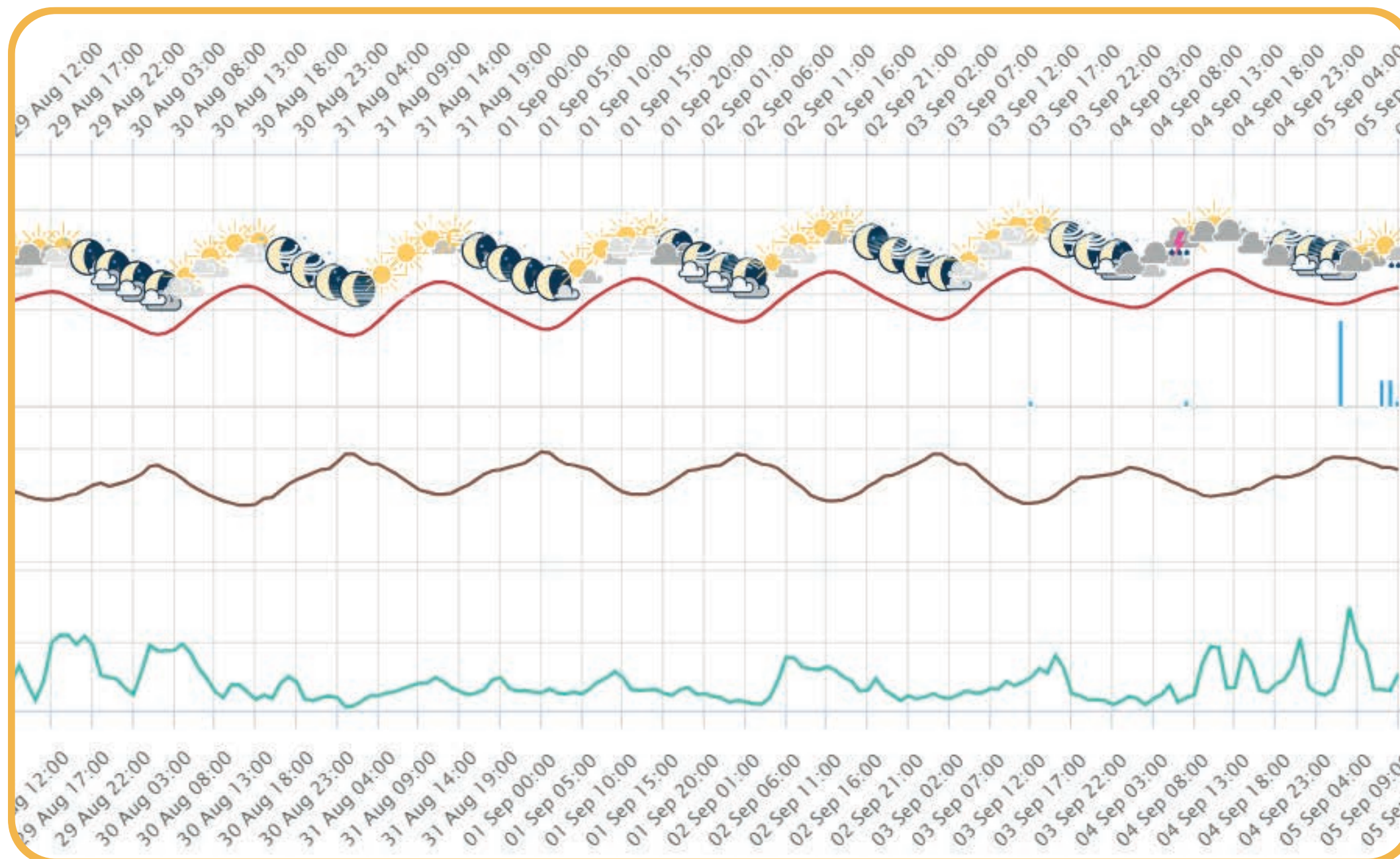


WEATHER



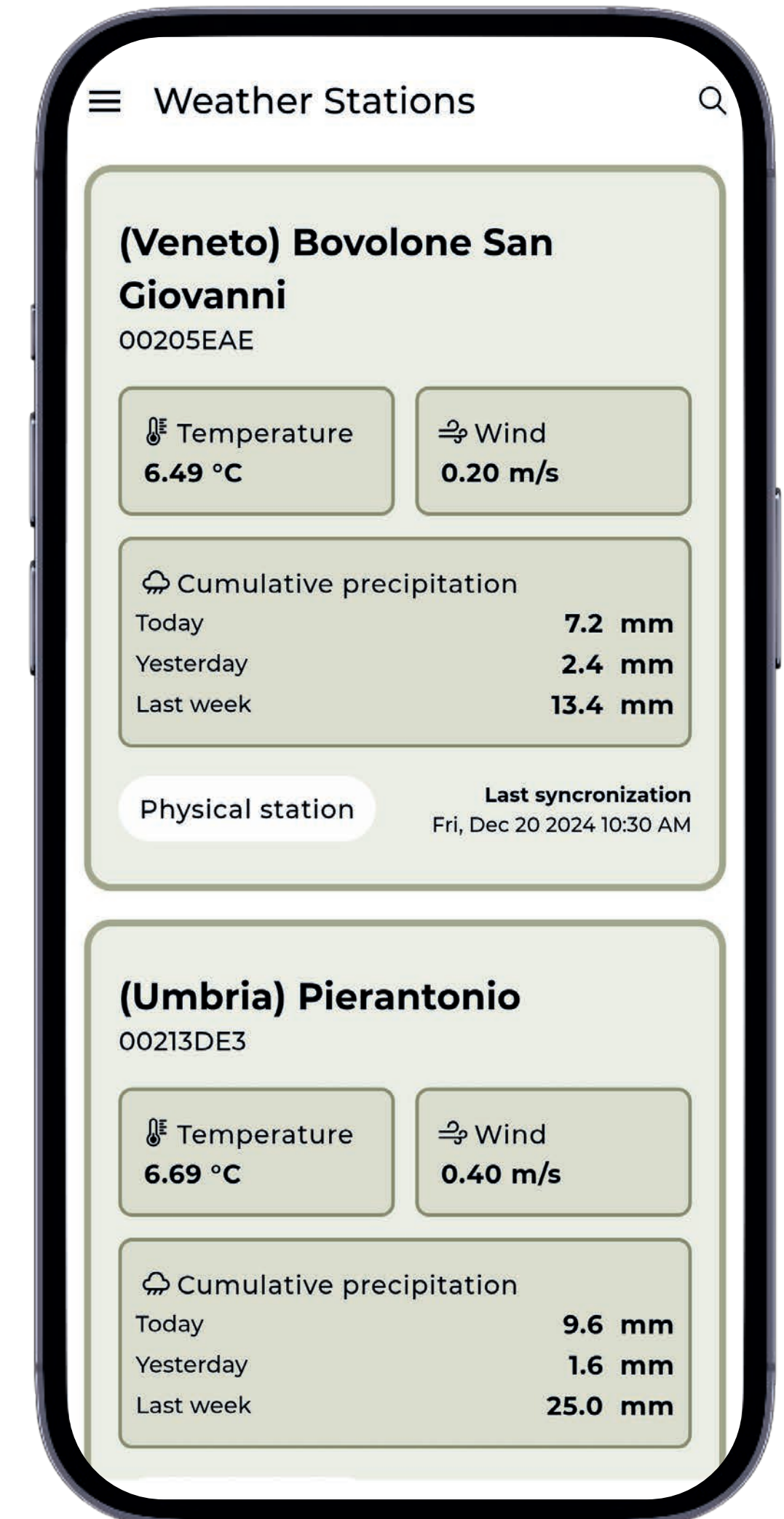
WEATHER FORECASTS

Consult professional weather forecasts up to 7 days updated every hour: **temperature, humidity, wind speed, rainfall.**



WEATHER STATIONS

Virtual weather station included;
*physical weather stations and sensors can be purchased or integrated, if already present in the company.



Features



FORECAST MODELS



PHENOLOGY

Prediction of phenology to assess field needs in each development stage.



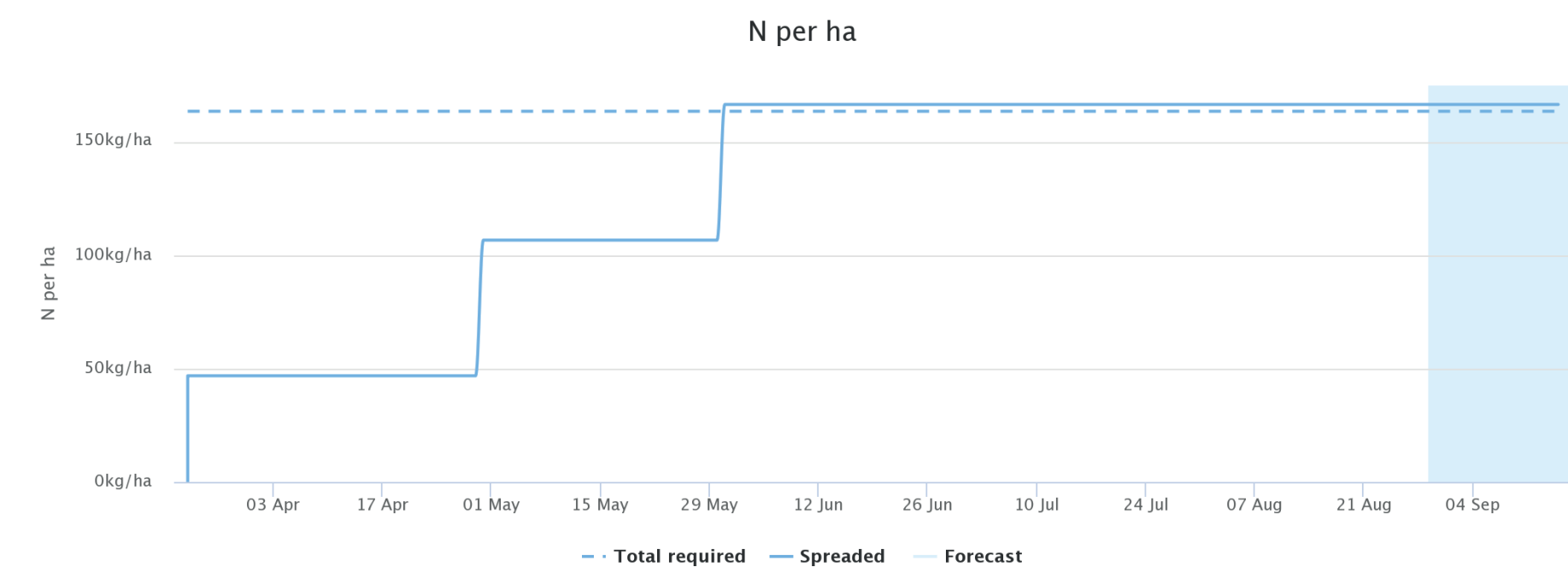
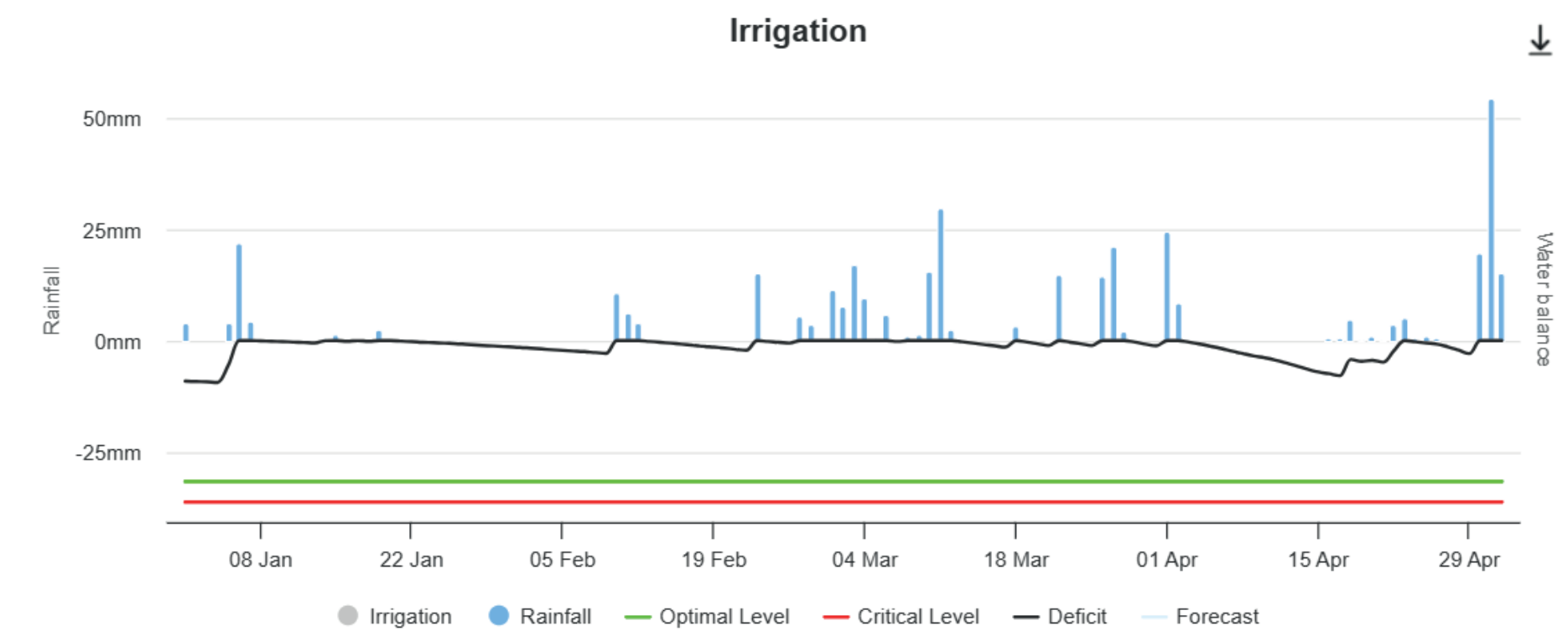
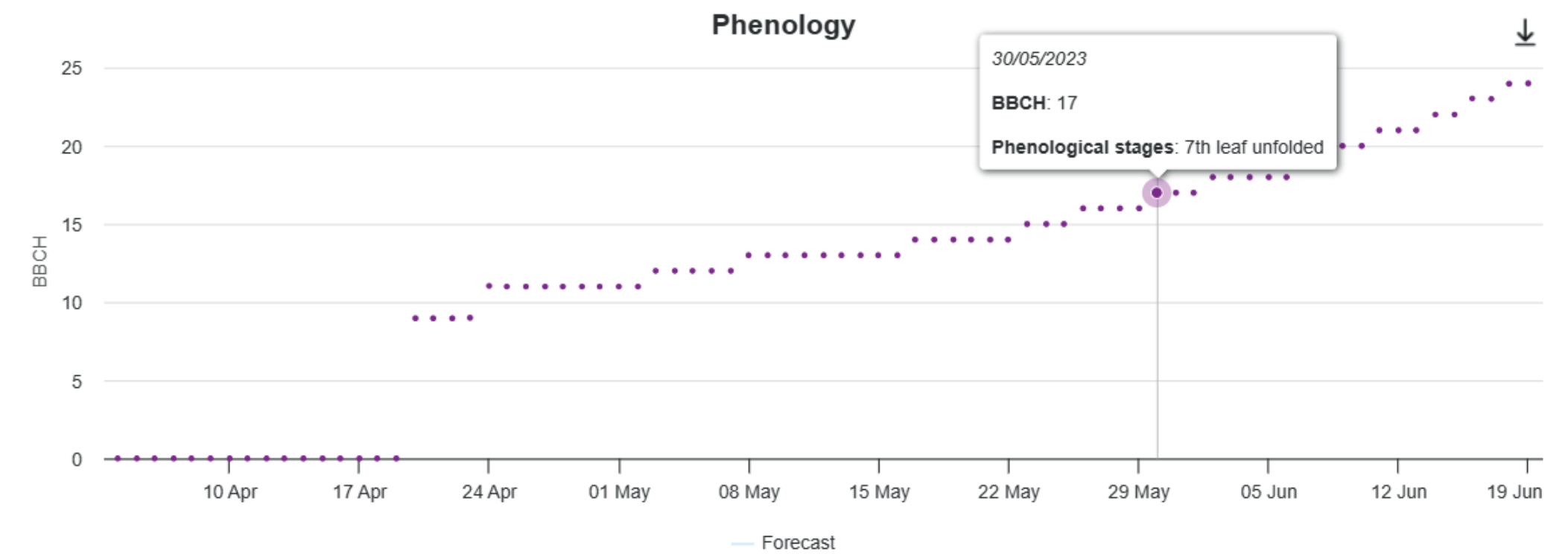
IRRIGATION

Evaluation of water requirements to carry out irrigation when necessary with the right amount of water.



FERTILIZATION

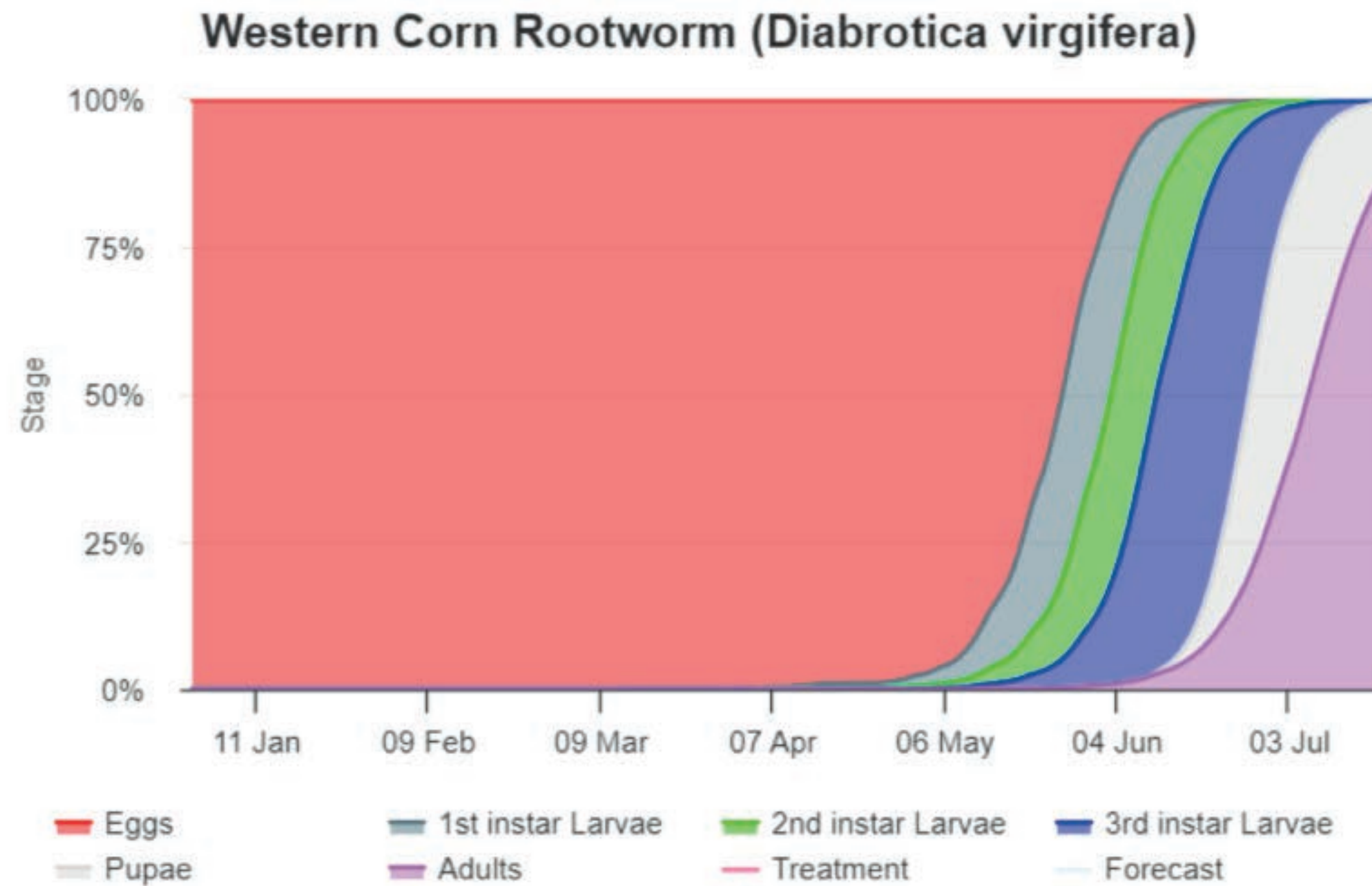
Calculation of the total requirement of nitrogen, phosphorus and potassium (Kg/ha) required throughout the production cycle.





PESTS MODEL

Prediction of infestations to assess the risk of pest (**Helicoverpa armigera**, **Diabrotica virgifera virgifera**, **Ostrinia nubilalis**, **Agrotis ipsilon**) and act promptly.

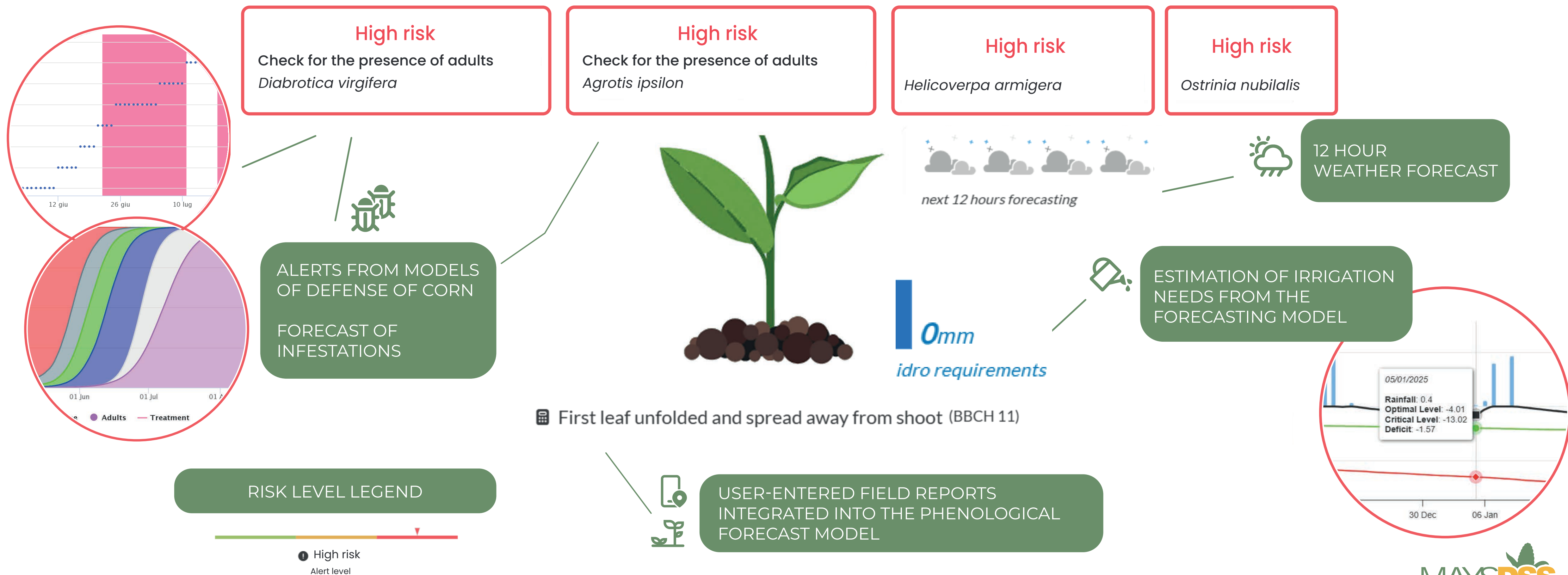


Features



DECISION SUPPORT

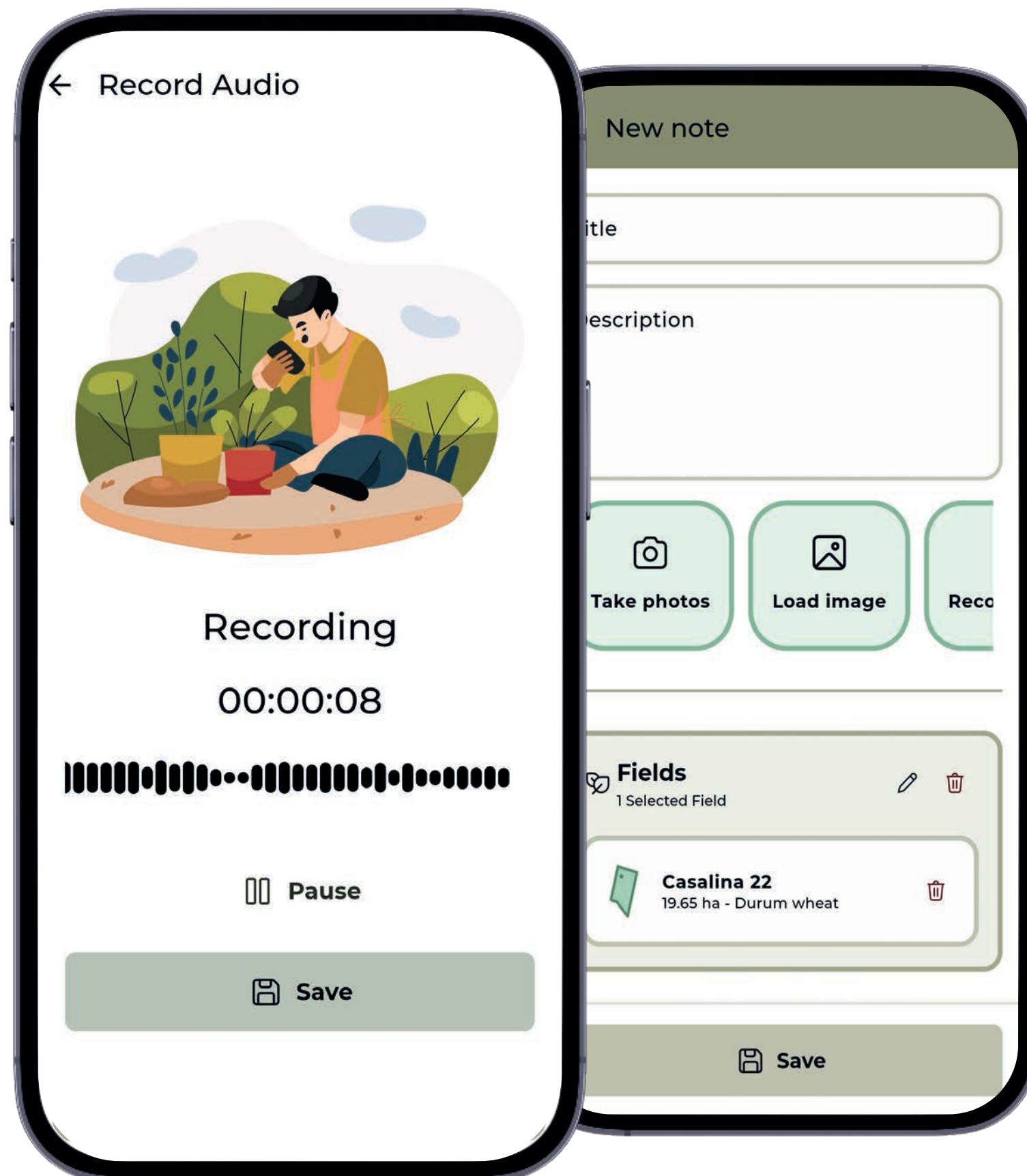
Provides information on the interventions to be carried out on the basis of the data collected.





CROP SCOUTING

Geolocate and register into the platform the field activities with **Agricolus's App**: phenology, pests and diseases, traps and captures, crop damage, soil analysis and issues.



- ⓘ ISSUES
- ⚠ CROP DAMAGES
- 🕒 TRAPS
- 📅 CATCHES
- 🌱 PHENOLOGY
- 🐛 PESTS AND DISEASES
- 🧪 SOIL ANALYSIS

Features

DEMO MAIS NDVI

Apr 6, 2023 Apr 16, 2023 Apr 26, 2023 May 6, 2023 May 26, 2023

Fertilizer name: Urea Nutrient %: 46 %

Number of Zones (max: 7): 3 Calculation mode: Min - Max

Min nutrient: 100 kg/ha Max nutrient: 130 kg/ha

Zones	Area	Avg nutrient
Zone -1	4.76 ha	100 kg/ha
Zone 0	6.78 ha	115 kg/ha
Zone 1	2.64 ha	130 kg/ha

Total fertilizer: 3475.09 kg

Total area: 14.18 ha

Avg nutrient: 112.76 kg/ha

Placenza-Brescia NDVI



PRESCRIPTION MAPS

Choose the most suitable vegetation index to develop the prescription map and carry out variable rate fertilization.



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