



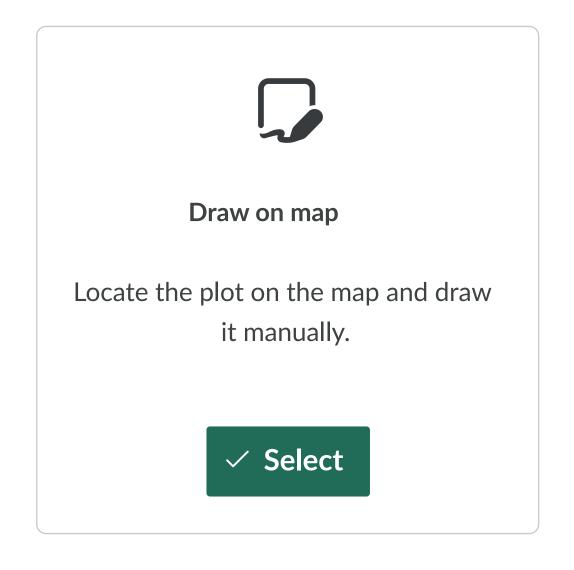


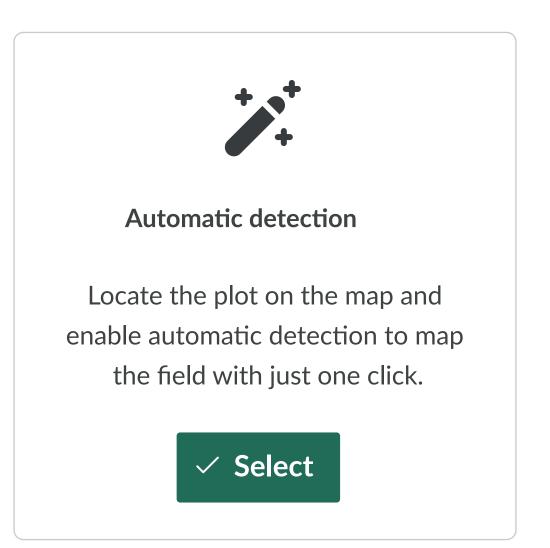


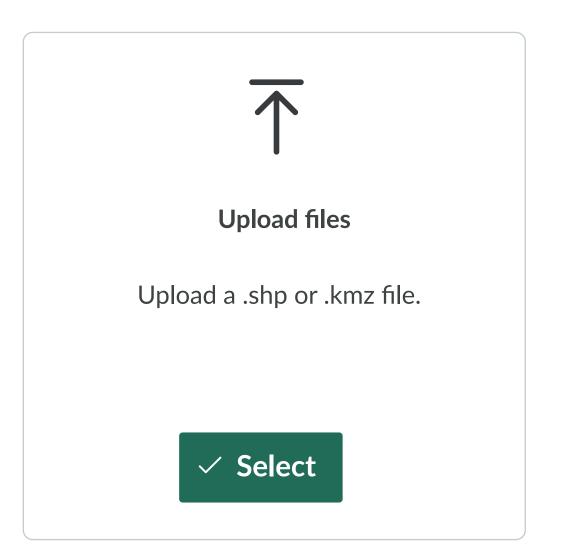
FIELD MAPPING

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.





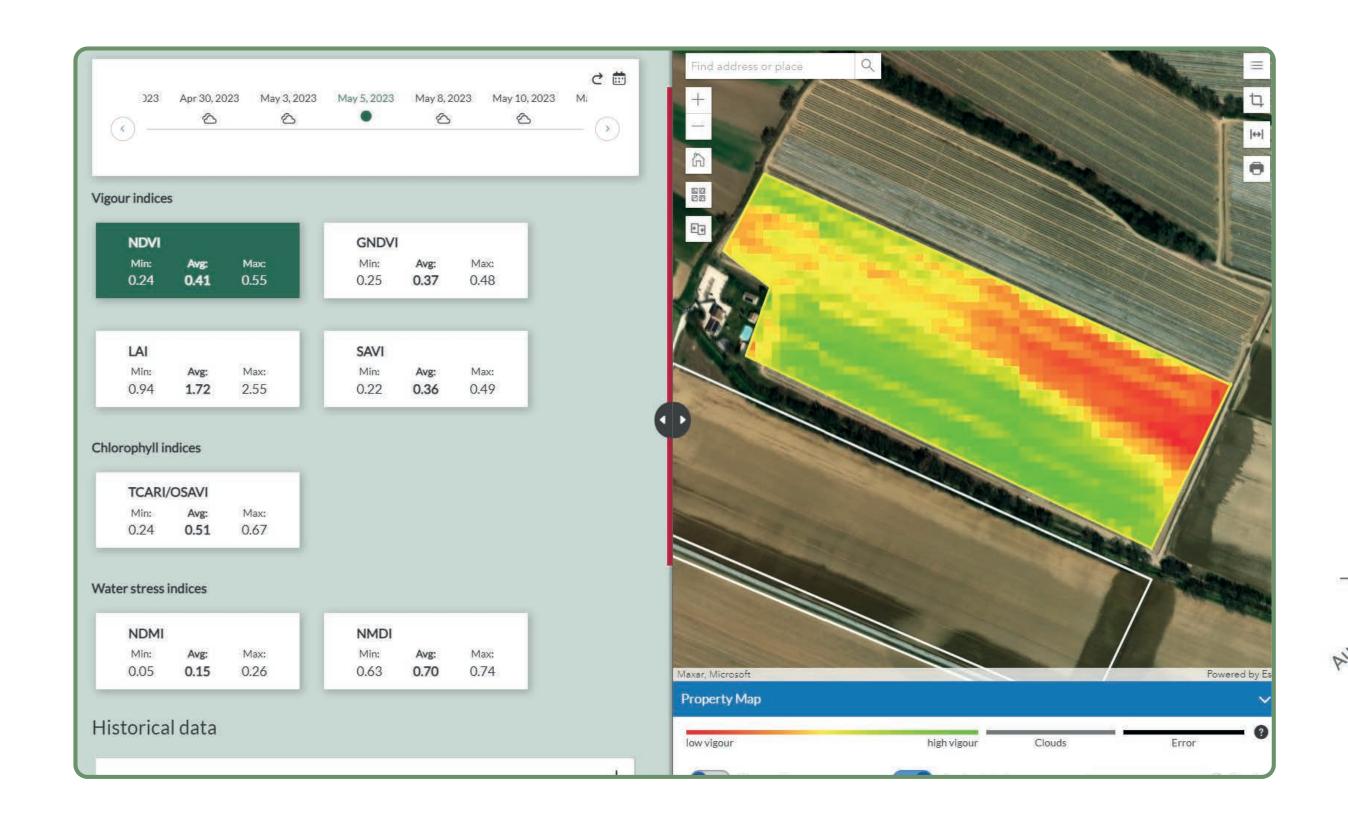


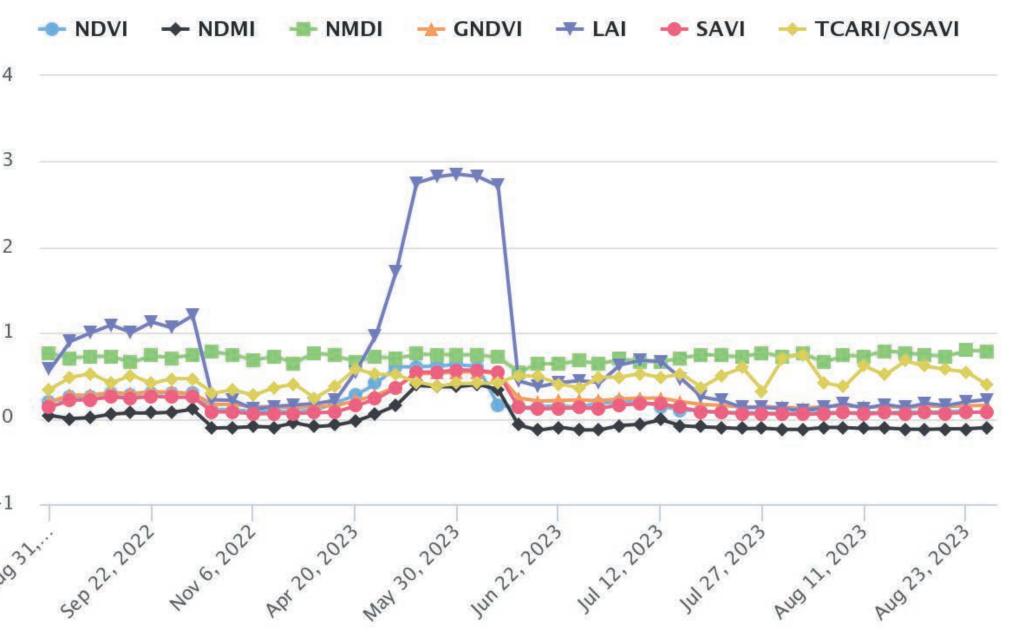




SATELLITE IMAGERY

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









FORECAST MODELS



PHENOLOGY

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



IRRIGATION

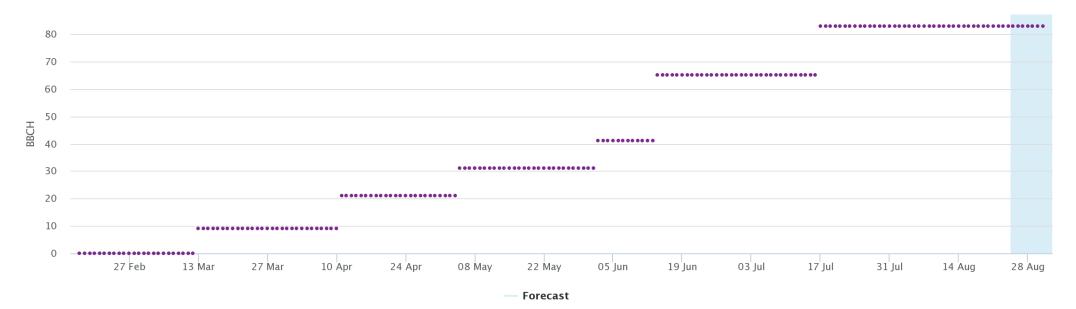
Evaluation of water requirements to carry out irrigation when necessary with the right amount of water.

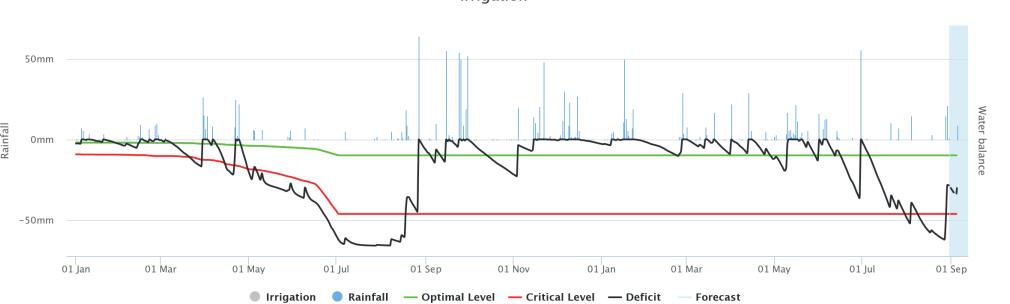


FERTILIZATION

Calculation of the total nitrogen, phosphorus and potassium needs (Kg/ha) required by the crop in order to obtain important suggestions on the doses of fertilizer to be applied.

Phenology

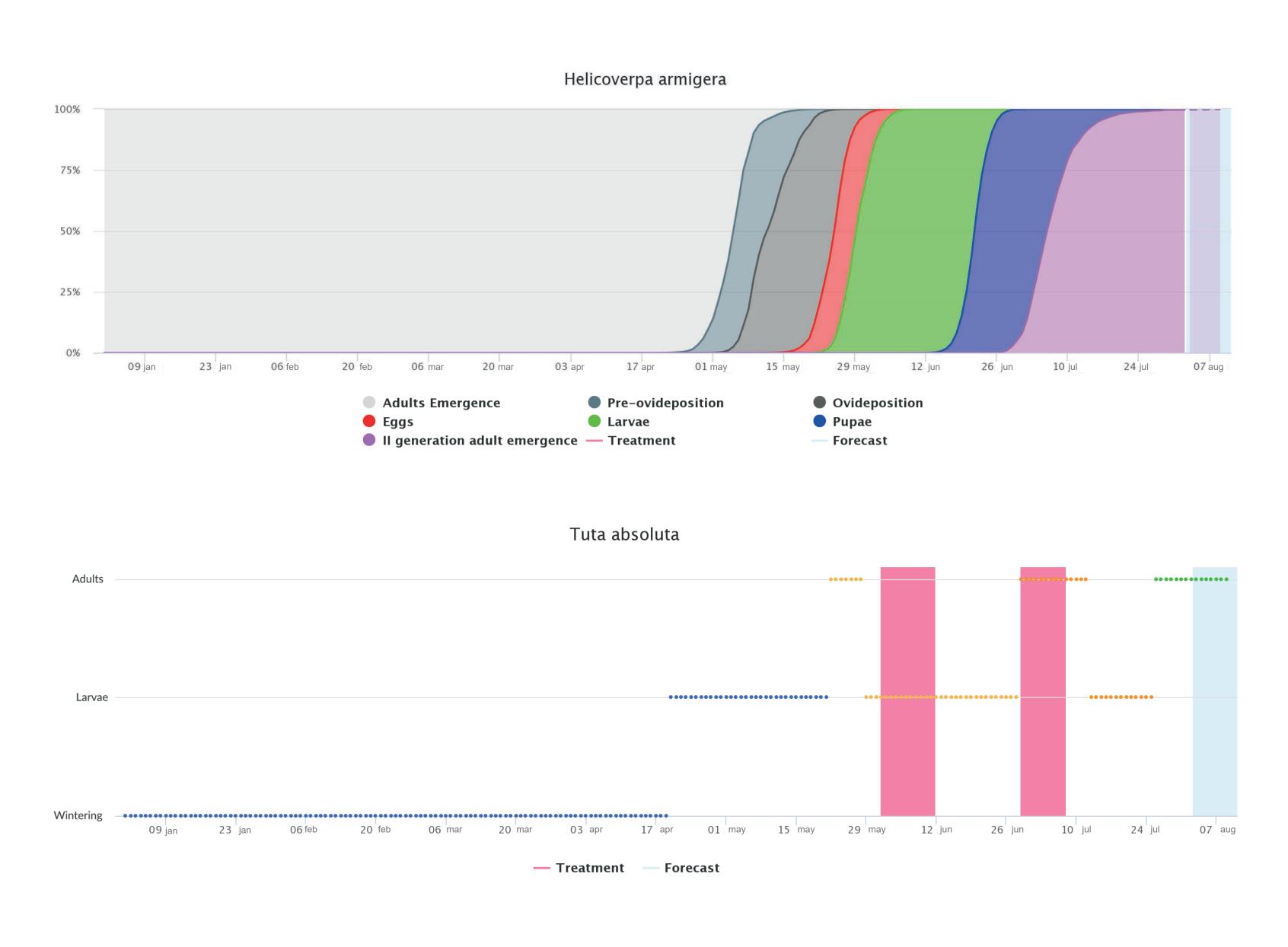




P2O5 per ha









PHYTOPATHIES AND INSECTS MODEL

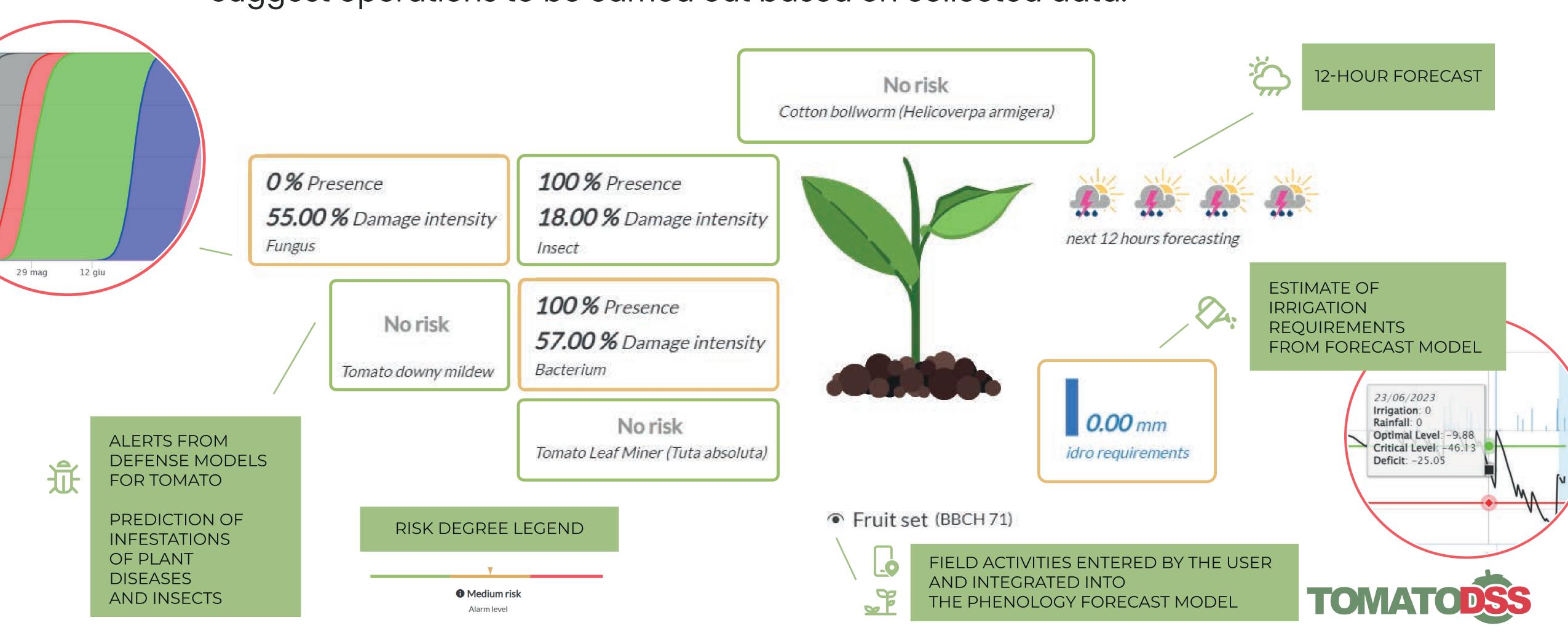
Prediction of the risk of phytopathies (Tomato Downy mildew) and pests (Tuta absoluta and Helicoverpa armigera) in order to carry out an effective defense. The defense forecast models interact with the registered treatments.





DECISION SUPPORT

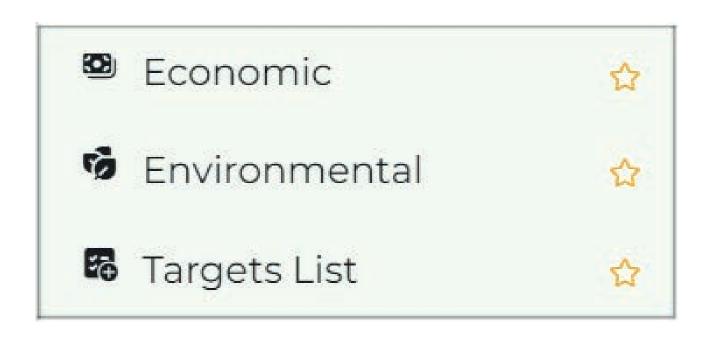
Suggest operations to be carried out based on collected data.

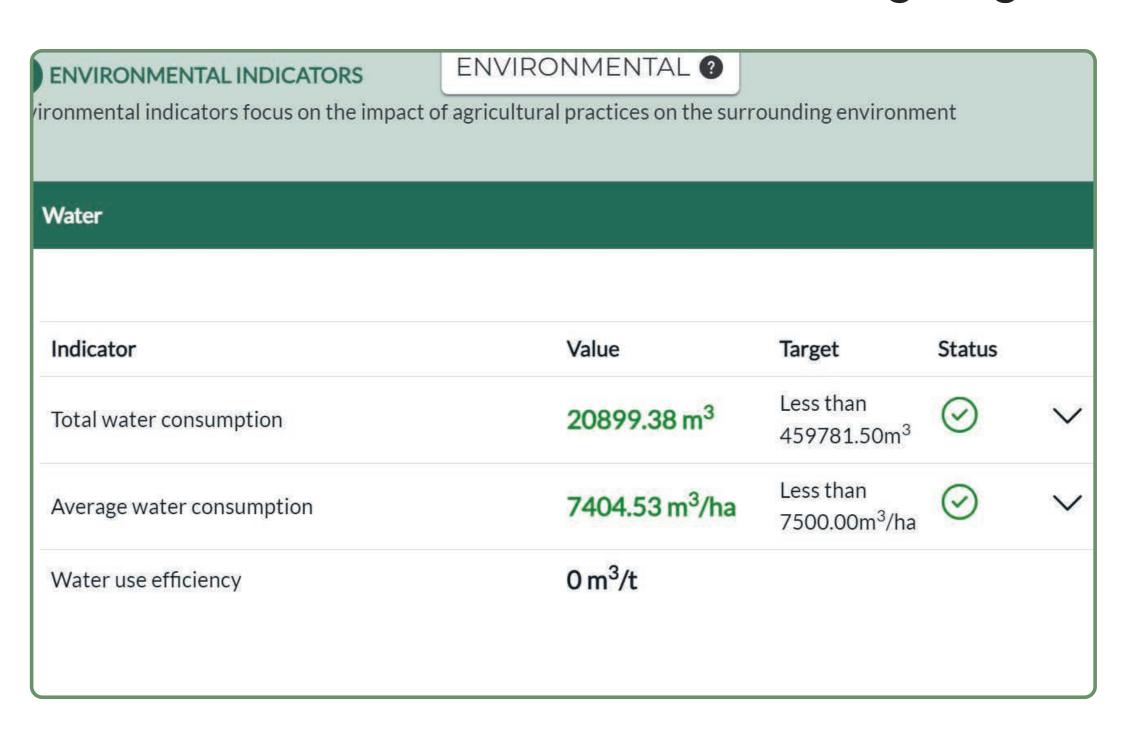




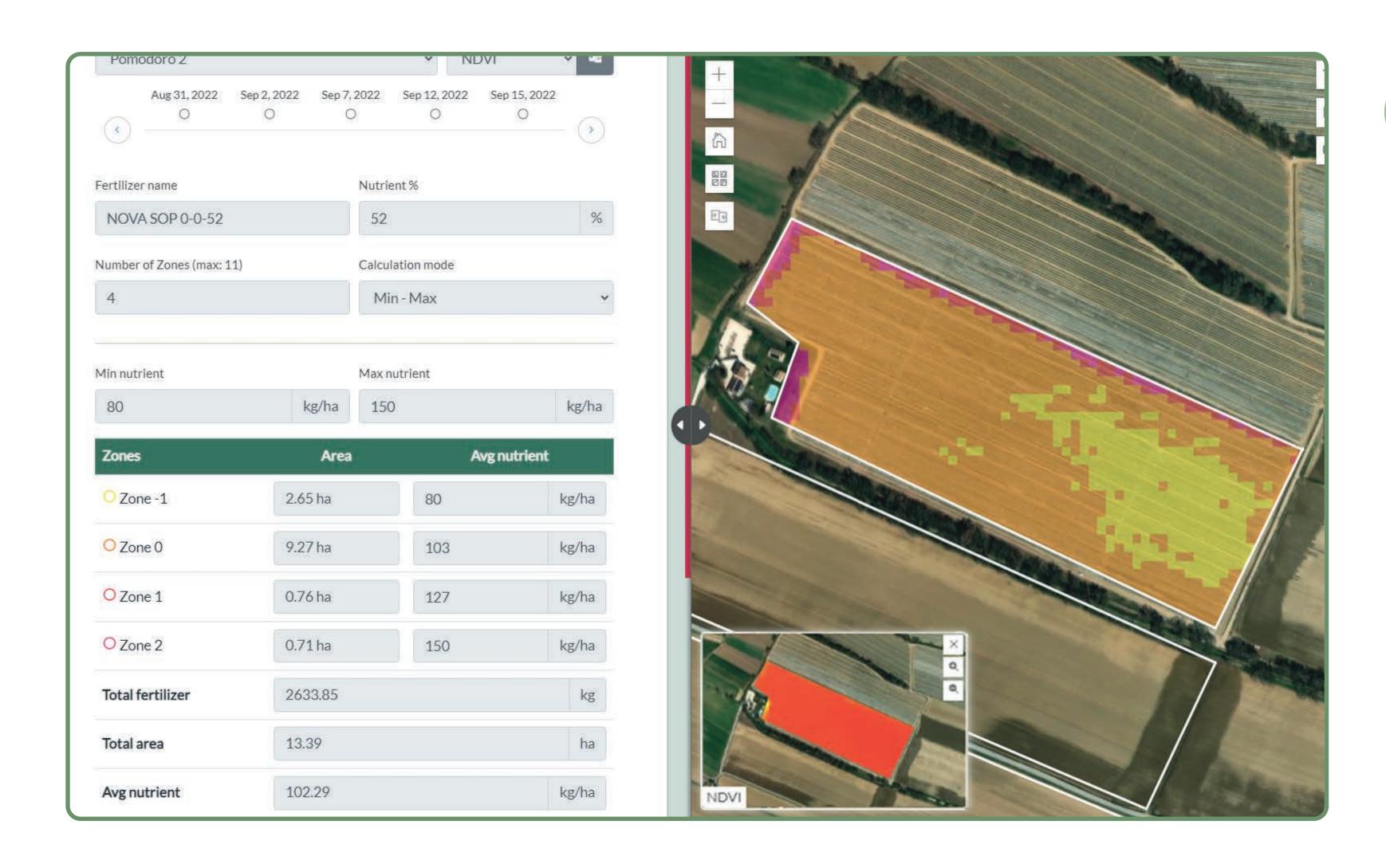
SUSTAINABILITY

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.











PRESCRIPTION MAPS

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





WORK



TASK MANAGEMENT

Create and assign tasks to be done in the farms to your collaborator in real time.



MACHINERY

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

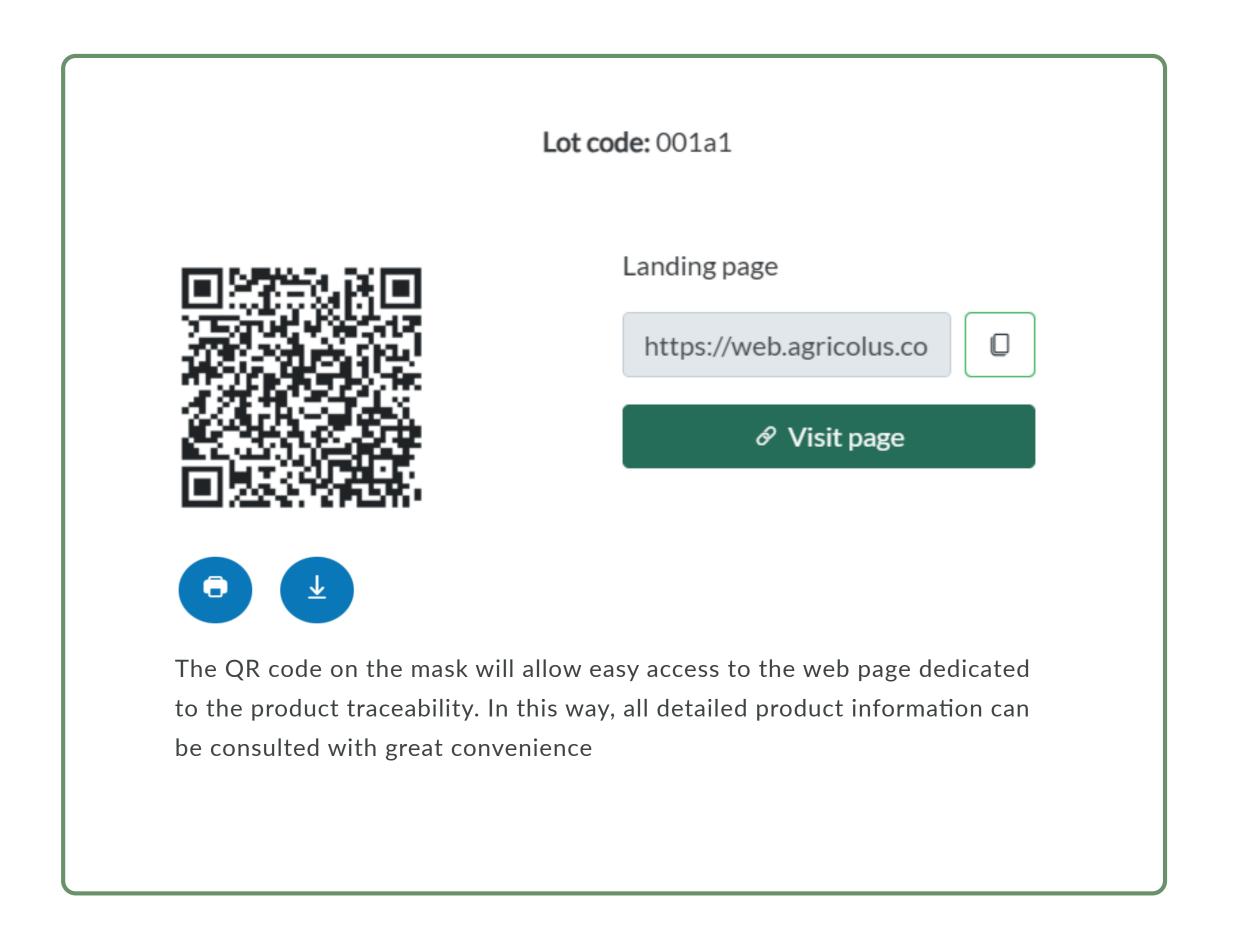


CROP OPERATIONS

Register where, how and when crop operations (treatments, fertilization, pruning, harvest) have been carried out. You can also access phytosanitary products database.









PRODUCTION LOTS

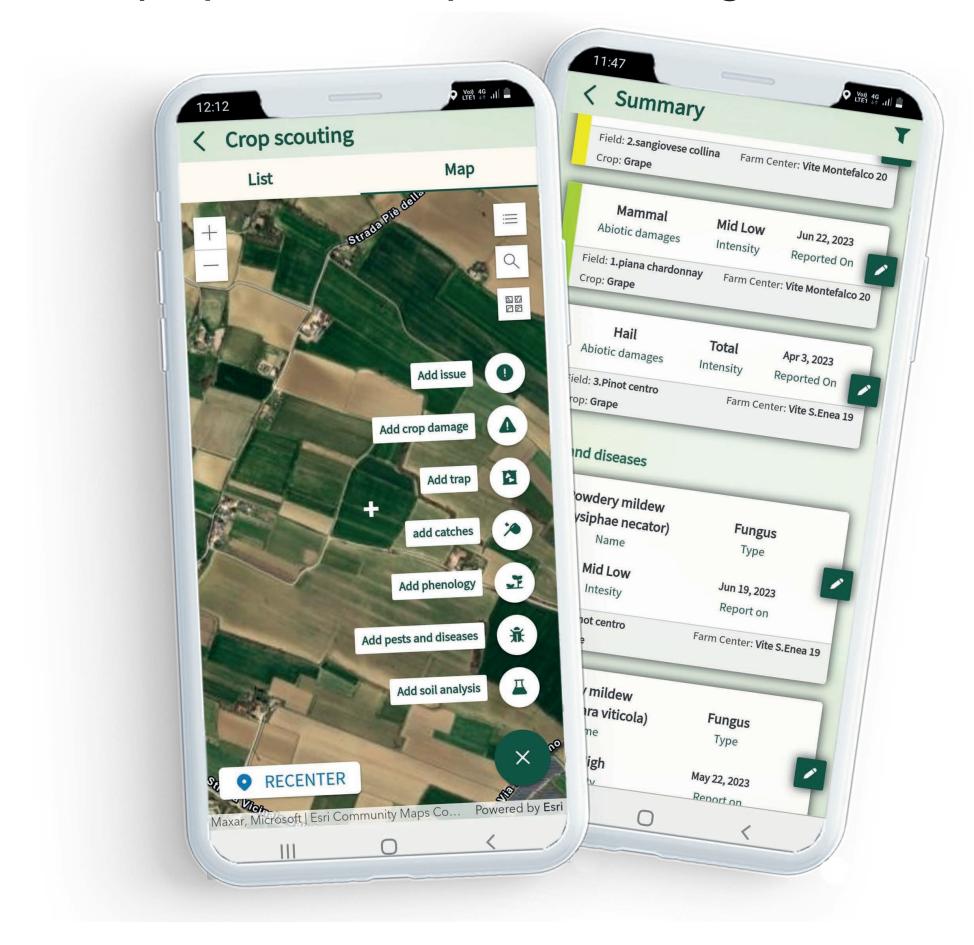
Create and assign to each crop its own production lot to improve traceability of operations. A QR code is also generated that allows you to access and share the dedicated web page where you can consult all the information on the product.





CROP SCOUTING

Geolocate and register data from crop scouting by using the mobile App for phytosanitary monitoring and evaluation of crop development.



- ① ISSUES
- **DAMAGES**
- > TRAPS
- **CATCHES**
- PHENOLOGY
- 章 PESTS AND DISEASES
- **B** SOIL ANALYSIS



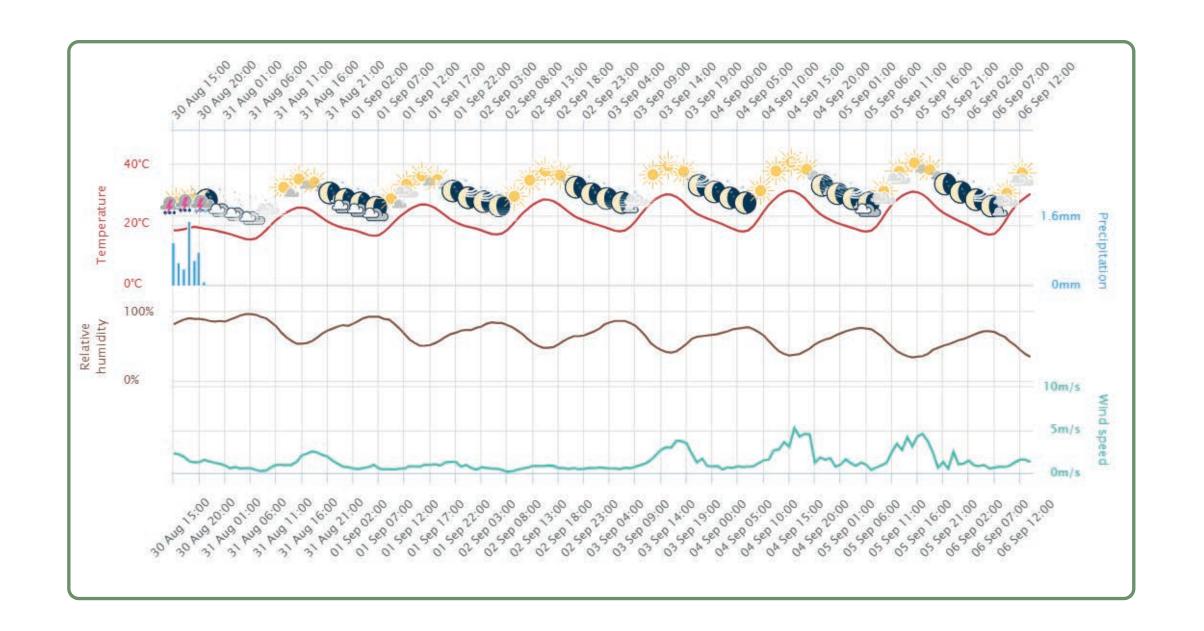


WEATHER



WEATHER FORECASTS

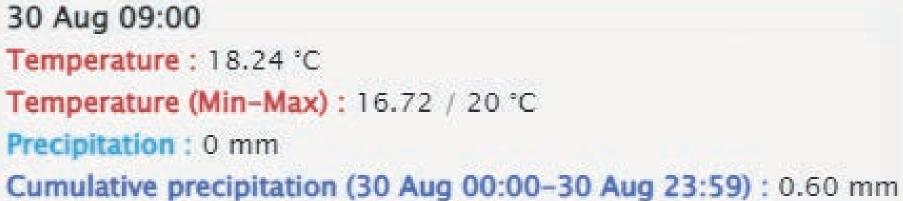
Consult professional weather forecasts up to 7 days updated every hour: temperature, humidity, wind speed, rainfall.



歪

WEATHER STATIONS

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



Leaf wetness: 60 min

Relative humidity: 89.81 %

Relative humidity: 81.04 / 96.3 %

Wind speed: 0.3 m/s

Wind speed (Min - Max): 0.3 / 0.8 m/s



