



A solution that optimizes the supply of water resources

GREEN PLANET SUPPORT FOR HORTICULTURE 4.0



THE ASSISTANT 4.0

Weekly

An update of the vegetation status of the crop as seen by satellite

Daily

Epidemiological risk estimation for major agricultural crops

The advancement of degree days and the threshold of harmful insect flights

Automatic alerts via email, text, or Greenplanet by 3a srl APP notification

THE ASSISTANT 4.0

Hourly

Measurements of the area meteorological station, bioclimatic indices, deviation from the historical average

Projection for the days ahead

The system records in the digital diary all information processed by the DSS that is relevant for planning field activities.

Tools available to the license holder

Weather forecast and radar map of precipitation in real time

Record of crop observations

Field activity log

Agro-meteorological summary report

Digital agenda of events



Satellite vegetation indices

Each week a new satellite update provides useful information on the health of the foliage through maps and graphs of the main vegetation indices. Each index is compared with the previous weeks' calculations and a graph shows the trend.



Weather from the area station

From the data measured by the area station, the Green Planet platform provides several bioclimatic indices of primary importance for the evaluation of seasonal trends.



Integrated Pest Management

Agro data: allows you to record crop monitoring and treatments performed, with mobile applications, directly from the field. Photos and annotations can be shared in a workgroup and geo-referenced on the map.



Models: presides over the output processing of phytosanitary models activated for specific users and connected to monitoring points in the field.

Reports

The data collected and processed by the platform are summarised in a technical document to support agronomic technical choices and sent by email to a list of recipients pre-set by the user.

Alerts

Alert procedures are based on the identification of risk thresholds and the sending of notifications by email, text or APP.

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