




# Irristrat

HIDROSOPH



## Irristrat™ Platform the new *cockpit* for intelligent irrigation





Total control with Irristrat™ Web, Mobile and BI




Integrated probes and stations



Easy interpretation powerful and complete



Access anywhere



SMS and e-mail alerts

Tested technology in +300 producers

Efficient and sustainable water management in agriculture has become simpler. Since its market introduction in 2009, Irristrat™ has stood out as the most advanced intelligent irrigation management software, integrating monitoring equipment from leading manufacturers, processing field information in real time and providing accurate information to farmers for more efficient irrigation with better results. The Irristrat™ platform is a complete system that integrates Irristrat™ 15 for operational management, Irristrat™ Mobile for greater mobility access and Irristrat™ BI for data exploration and analytics.



### Irristrat™ 15

Irristrat™ 15 is based on a robust proprietary methodology that integrates multiple data sources to provide users with useful Irrigation Plans, calculated in real time. Taking into account the crop evapo-transpiration, soil moisture levels, real-time information from weather stations, multiple sensors and weather forecasts, Irristrat™ 15 processes and simplifies the information making it available quickly and easily through graphs, maps, reports and SMS.

### Irristrat™ Mobile

Irristrat™ Mobile gives access to irrigation information when it is needed, wherever you are. Available for Android and IOS (Apple) devices, it allows the user to consult irrigation schedules, view probe graphs, access the weather forecast and communicate readings, images and notes from the field. Communication between the technicians and the farmer is facilitated to the maximum.



### Irristrat™ BI

Irristrat™ BI is the tool that allows simple management of larger and complex projects. Exploring operational crop data and relating it in a flexible and powerful way is now possible with Irristrat™ BI. Irrigation and fertilising events can be cross-referenced with production data, giving access to predefined reports or specific consultations. Irristrat™ BI is the right tool for anyone seeking deeper knowledge and continuous improvement.



## Total irrigation overview, in a simple and useful way

With Irristrat™15, it is possible to obtain the most relevant information for decision making right from the entry screen. On this panel, the grower sees the moisture level measured by the probes, the irrigation schedule and the weather forecast for the next 7 days. It can also receive access to alarms, notes and observations from the technicians. Irristrat™15's navigation is intuitive and allows consultations and records of weather information, irrigation events, field notes, graphs and reports, as well as access to information communicated by the equipment installed in the field.



## Integrated equipment from the leading manufacturers for easy interpretation

Integration of moisture and salinity probe readings, weather stations, plant sensors and other monitoring elements. By recording all the data in one single application, it is possible to obtain related information and provide it to the grower so that it is simple and useful. The Irristrat™15 graph modules allow multiple views, as well as access via IOS or Android smartphones and tablets, through Irristrat™ Mobile.



## Communication by SMS and e-mail

Information processed in Irristrat™15 is always accessible via the web or in Irristrat™ Mobile, but sometimes it is necessary to make it reach the farmer in an expeditious, simple and quick manner. SMS with information about irrigation, weather or alarms are sent to farmers through the communication modules. The Irristrat™15 reports module and some reports produced in Irristrat™ BI can also be converted to PDF and sent with notes from the technicians directly to the farmer's e-mail account.



## Proven technology in several crops

Irristrat 15™ is tested and used on several crops. From large olive groves, maize plantations and vineyards to fruits and vegetables grown in the field or in greenhouses, the results are proven. Millions of records processed annually and kept in the database year after year, allow the construction of a continuously improving customisation system. Through Irristrat™ BI, it is possible to explore the data statistically and predictively, improving the models and adjusting future operations.



## Technical support always available

Using Irristrat™15 is simple and intuitive, but, even so, remote technical support from experts on precision agriculture and irrigation is always available. Technicians analyse the data and produce reports, depending on the contracted level of support.

