

Product Datasheet

Description

Odusol is the decision-support tool developed by HSTI France to gather, visualize, and analyze data collected from HydraSolo and HydraScout probes. It enables real-time monitoring of soil moisture and temperature, transforming these measurements into clear, actionable indicators.

With its intuitive interface and built-in analytical algorithms, **Odusol** helps users determine the optimal timing and amount of water to apply, thereby improving irrigation management and promoting sustainable water use.

Product data sheet **Odusol**

Interface et visualization

The **Odusol** interface provides a clear, graphical view of soil data, including changes in moisture and temperature, as well as alerts based on predefined thresholds.

Customizable dashboards allow users to monitor multiple probes or crops simultaneously, making it easier to manage irrigation on a global scale.

Connectivity and Integration

Odusol easily collects the data of the HydraSolo and/or HydraScout probes and integrates seamlessly with our partner platforms through dedicated APIs.

Maintenance and Accessibility

Fully cloud-hosted, Odusol requires no local maintenance. Software updates are performed automatically, and the platform is accessible from any connected device (computer, tablet, or smartphone).

Support

Users receive dedicated assistance for the setup and configuration of the tool.

HSTI France's technical support team provides ongoing monitoring and regular updates to enhance Odusol's performance and features.

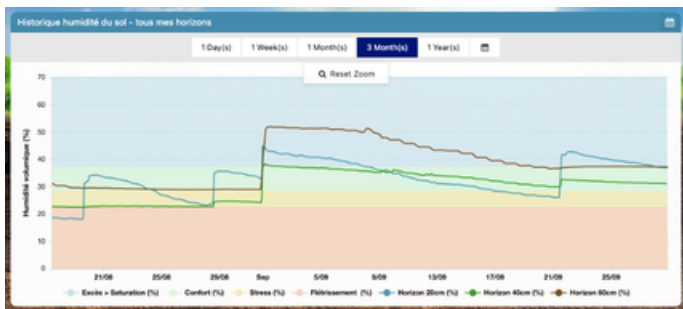
Product data sheet Odusol



Visualize soil moisture and temperature levels

Each color instantly indicates the soil's moisture level at the measured depth.

At a glance, users can identify dry, wet, or balanced zones and adjust irrigation accordingly.



Track soil moisture over time

Evolution curves allow you to monitor soil moisture levels across each measurement depth. A simple and effective tool to visualize seasonal variations, anticipate water needs, and adjust irrigation at the right time.



Identify your soil's available water capacity

Odusol calculates the usable reserve available for crops based on your soil's characteristics. An exclusive indicator that lets you know at a glance how much water is actually available before water stress sets in.

Technical data sheet Odusol

Product Type	Web application (SaaS)
Function	Visualization and interpretation of data from HydraSolo and HydraScout probes
User Interface	Responsive web interface (PC, tablet, smartphone)
Hosting	Secure cloud hosting in France
Update	Automatic update with no user intervention required
Visualization	Models developed by HSTI France based on the internal soil database
Connexion	REST API
Languages	French / English
Security	Secure authentication (HTTPS, login/password)
Support & assistance	Access to technical support and user assistance provided by HSTI France
License	Annual license