

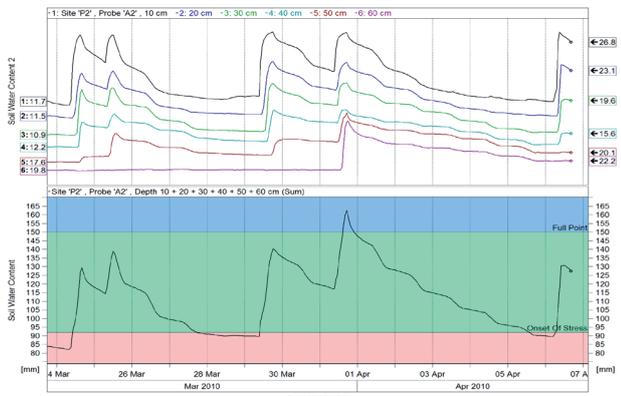
Unlocking the secrets to soil water and solute dynamics

Soil water and salinity data from all of Sentek's monitoring solutions is viewed in our highly acclaimed Irrimax software. The software is the interface to the end-user and enables them to readily visualise the ever changing soil water and solute dynamics, and make instant and informed management decisions.

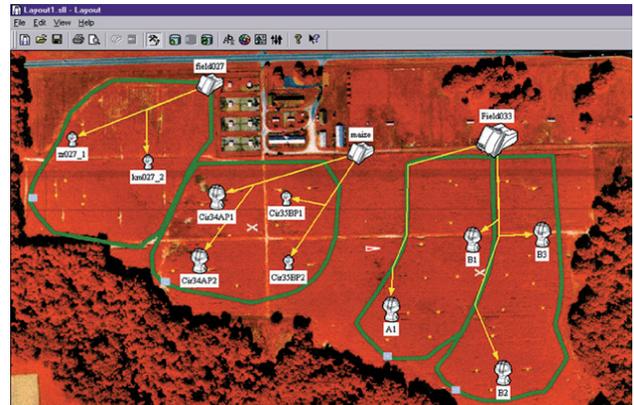
In a recent survey of Irrimax users, more than 90% rated the software as being an important management tool.

Sentek's Irrimax software is simple to use, providing ready information from multiple sites at a glance. It also provides powerful functionality for the advanced user.

multiple graphing options



site layouts



central workspace management

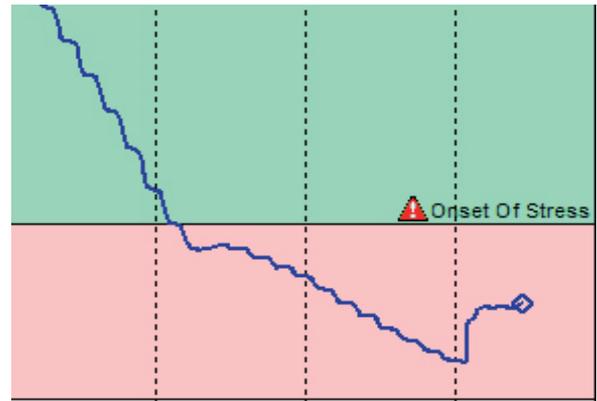
The screenshot shows the 'Pasture comparison - Irrimax' window. It features a menu bar (File, Edit, View, Tools, Window, Help) and a toolbar. The main area is divided into 'Graphs' and 'Databases' tabs. The 'Graphs' tab is active, showing a list of graphs with columns for 'Last', 'Graph Info', 'Sensor Types', 'Print', and 'Controls'. The graphs listed are 'Summed', 'Perennial', 'Annual', and 'Comparison Water Use'. The 'Summed' graph is selected, and its details are shown in the 'Graph Info' column.

reports

The screenshot shows a 'Daily Crop Water Use Report' document. It includes a disclaimer, a list of sensors, and a table of data. The table has columns for 'date', 'daytime change', 'daytime poschange', 'daytime negchange', 'nighttime change', 'nighttime poschange', 'nighttime negchange', 'Calc VDTNC', and 'Corrected VDTNC'. The data is for the period from 2009/07/17 to 2009/07/27.

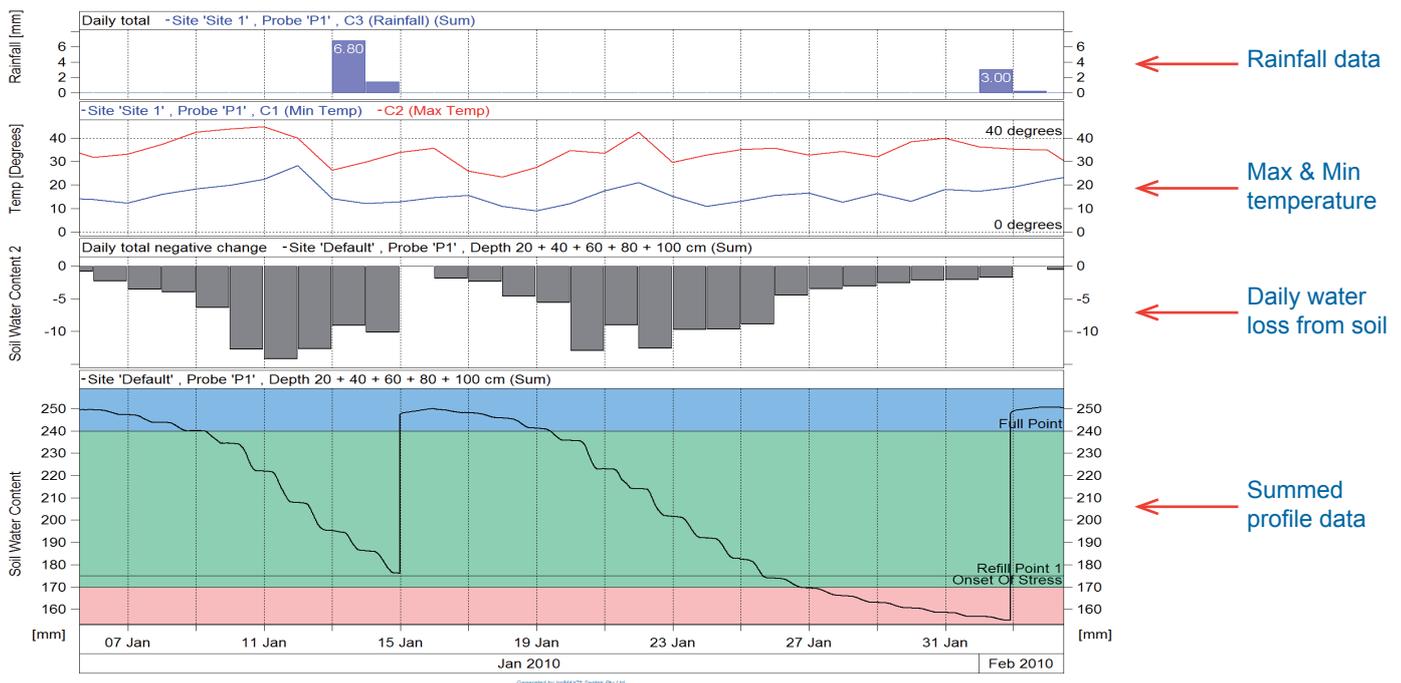
date	daytime change	daytime poschange	daytime negchange	nighttime change	nighttime poschange	nighttime negchange	Calc VDTNC	Corrected VDTNC
2009/07/17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009/07/18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009/07/19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009/07/20	-0.319	0.335	1.845	-0.215	0.249	0.945	3.189	3.189
2009/07/21	-0.120	0.230	0.770	-0.124	0.095	0.600	0.600	0.600
2009/07/22	-0.113	0.285	0.400	-0.230	0.125	0.355	0.045	0.045
2009/07/23	-0.170	0.260	0.570	-0.090	0.780	0.600	0.960	0.960
2009/07/24	-0.135	0.325	0.860	-0.760	0.185	0.945	1.295	1.295
2009/07/25	-0.170	0.240	0.630	-0.440	0.730	0.600	0.860	0.860
2009/07/26	-0.369	0.210	0.370	-0.315	0.230	0.545	0.025	0.025
2009/07/27	-0.185	0.310	0.385	-0.070	0.330	0.600	0.215	0.215

alerts



Key Features

- Functional workspace showing graphic overview and fuel gauges of soil water status from multiple sites.
- Simple graphics.
- Fast, simple and intuitive zooming and scrolling functions and tools.
- Display of individual depth levels or summed profile data.
- Definition of a crop's growth stages, allowing changeable management lines as the crop grows and the root zone develops.
- Various graph type options, including line and bar graphs, and change bars showing changes in soil water status over a given period of time.
- Simple importing of other key data sets relating to soil moisture and salinity data (e.g rainfall, irrigation, ETo, leaf wetness, humidity, soil temperatures, soil matric potential).
- Simple option for email and backup of workspaces and graphs.



- Standard and Premium software licences, providing a powerful platform for standard users with a suite of advanced features as a premium option.
- "Webify" functionality, allowing loading of graphs and workspace onto a website for viewing on the internet.
- Reporting for advanced data analysis.
- Alerts for notification of "dry" or "wet" soil, key environmental conditions or system malfunction.