



# The power and precision of GroSens

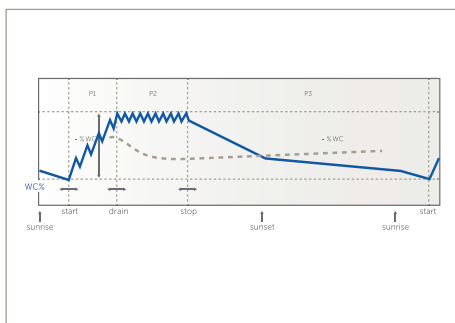
Based on more than 50 years of precision growing and crop steering knowledge, Grodan has developed GroSens:

- The most reliable and accurate water content (WC), electrical conductivity (EC) and temperature readings
- More than readings, you get averaging and data logging functions for a complete picture of your greenhouse crop data
- Connectable to most climate-control computers

The result: increased accuracy and more control to power your decisions for your crop's root zone and irrigation strategies.

Wherever you are, 24 hours a day and 7 days a week.

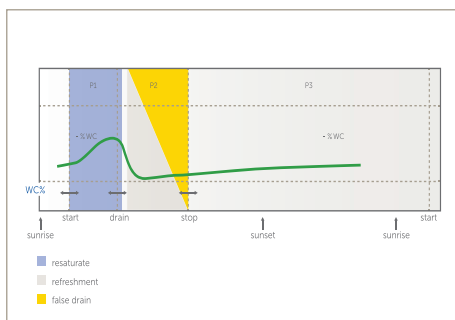
# Benefits



## 1 Highly accurate WC measurement

Highly accurate, 24/7 insights into the WC. Based on statistically reliable trials, the GroSens system measures the WC with significantly greater accuracy than existing water content meters (WCM).

The GroSens, with its superior WC measurement, is an indispensable instrument for growers who want to use professional precision irrigation to achieve optimal yield and quality.



## 2 Highly accurate EC measurement

Highly accurate, 24/7 insights into the EC. Based on statistically reliable trials, the GroSens system measures the EC more accurately than existing WCM's.

Highly improved EC measurement takes accurate EC control to the next level. For growers who know how to use precision EC management to optimize yields and improve quality, GroSens provides the right data, instantly and continuously. Accurate EC measurements in the stone wool substrate - supplied throughout the day and night - enable growers to exert greater control over their crops.



## 3 Flexibility in measuring

The wireless sensors allow tremendous flexibility in where you can measure in the greenhouse. They are easy to install and easy to replace.

With the GroSens system, it's extremely easy to position the wireless sensors in any pre-defined irrigation section in the greenhouse whenever needed. Changing the position of the sensors during the growing season can be done in a few seconds. Measuring representative slabs leads to better WC and EC management. Moreover, this flexibility in positioning the sensor will not require additional installation costs. The wireless systems also eliminate the risk of accidentally cutting electricity cables during the growing season.



## 4 Custom made configurations possible

Because the GroSens system is modular, it can be scaled to multiple configurations.

The GroSens has been designed to guarantee reliable, representative WC and EC figures for one watering section. Depending on the size of the greenhouse, and if the grower is ready to take the next step in precision irrigation, all of the components in the GroSens Basic Set are available separately. This makes it easy to configure the GroSens system perfectly for each grower, individually.