

Sense. Discover. Improve.



Sharing our **Client Experiences**



Connecting with our clients,
is what makes our products
truly unique and innovative

Growing together...

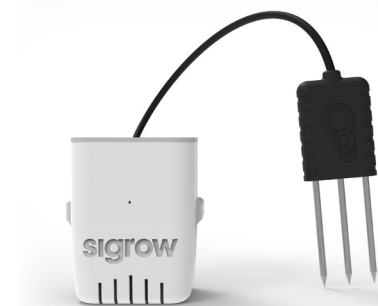
Sigrow is a company made by innovative engineers, inventors and plant scientists with the purpose of providing solutions for challenges in the agriculture and greenhouse industry.

At Sigrow, we believe that for any challenge or problem, there is always a solution. By talking to our clients, we understand the specific market demands & challenges they may encounter. In turn, we are able to develop and provide the most innovative products, that help our clients meet their demands and overcome their challenges. That's why at Sigrow, we do love a good challenge... it keeps us sharp!

Sigrow clients

On the following pages, we are going to share the experiences of some of our clients with you:

- **Evanty**
- **Blom Kentia**
- **Beekenkamp, Florensis, Deliflor and Dummen Orange plant nurseries**



Evanty

Anthuriums



Evanty is one of the most well-known companies with a long history of in the horticultural industry, dating back to their first nursery started in the town of Zevenhuizen (province of South Holland) in 1909. Evanty now is one of leading companies in *Anthuriums* in the world.

⚡ The challenge

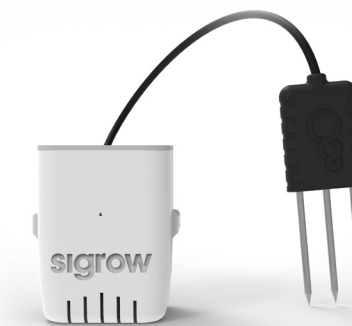
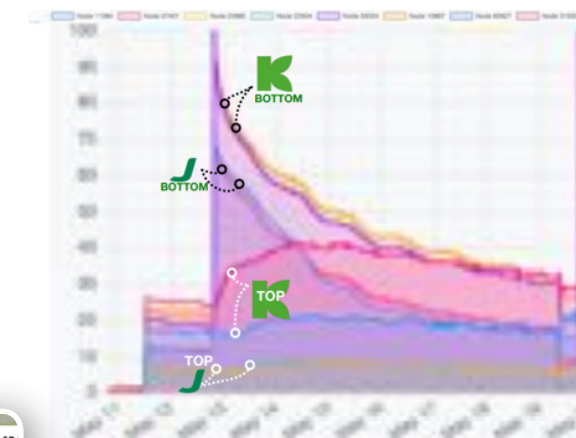
Evanty had a variety not performing correctly, continuously getting sick, displaying small green leaves with decay and small flowers. In order to eep track of performance, growth conditions were monitored using Sigrow sensors.



💡 The solution

Through Sigrow sensors, we monitored the behavior of the plants and analyzed their performance. Continues collected data from our **Soil Pro** sensors helped us to have the right understanding about the conditions of the greenhouse and plants.

After data analysis by our professional consultants, the problem was detected and subsequently oot health was improved without changing the watering strategy, but by suggesting the use of a new peat mix. Now roots display a better health, which translates into a higher production.



Blom Kentia Palms



Blom KENTIA Palmen
Meesters in groei

Blom KENTIA Palmen is a well-known and respected name in the horticultural sector, and they have worldwide market for their fabulous palms.

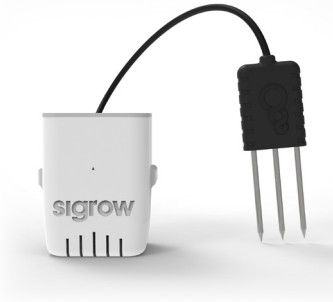
⚡ The challenge

Improve general plant health and greenhouse grow conditions to increase plant performance.

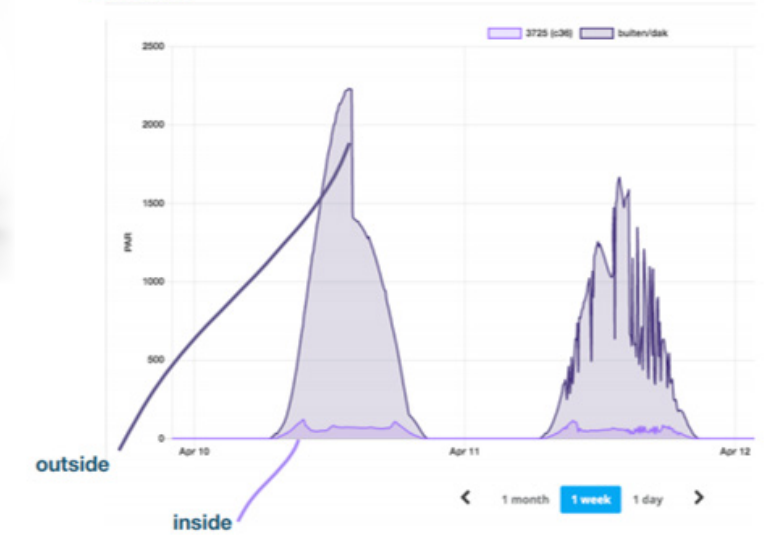


💡 The solution

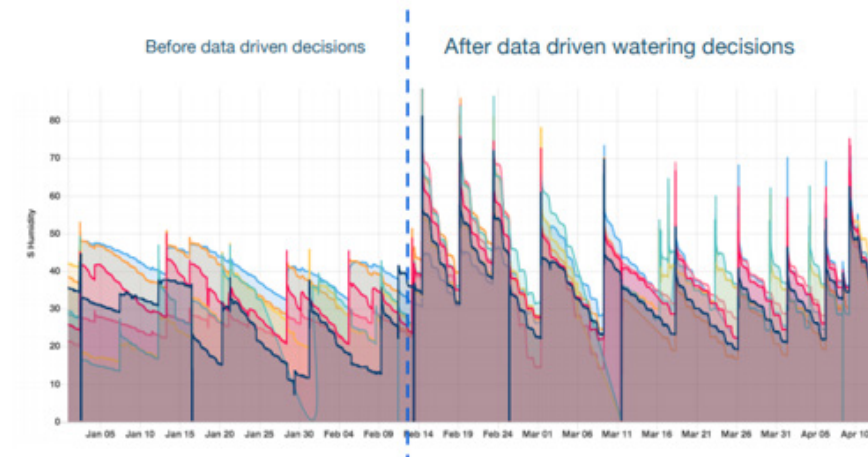
In order to increase the quality, efficiency and productivity of the Kentia greenhouse, our client asked us to help them obtain a complete understanding of the health and growth of their plants. Sigrow sensors analyzed the condition of light, air and soil to obtain a complete picture of the growth conditions.



Outside



Eventually - through the Sigrow sensory system - they discovered the weakness was found in the roots. The key with Kentia was to organize their water management. Once they analyzed the data from the Sigrow application, followed by additional consulting, it was determined what watering strategy was better for the roots. Root health improved, leading to a higher greenhouse productivity.



Blom Kentia

Plant Nurseries

Beekenkamp, Florensis, Deliflor
& Dikken Orange



Plant nurseries such as Beekenkamp, Florensis, Deliflor and Dikken Orange requested an applicable, accurate and easy to use scale from us. For these companies germinating, grafting and cloning are part of their core business. These are labour intensive & time-consuming processes as they involve manual tracking with a scale, writing down the data on paper, transfer of data into Excel, and then uploading to the SAP system of the company. These processes needed to be upgraded and facilitated, which is where Sigrow played an essential role.

⚡ The challenge

Improve, facilitate and digitalize the weighing & data analysis process for plant nurseries. This is essential in determining and optimizing water content in seed trays.



💡 The solution

With the Sigrow Mass Start scale the nurseries had continuous access to scale data (monitoring every 15 minutes), made available through an online web browser - data can be downloaded directly to Excel, and even interfaced with your SAP using the sigrow api: api.sigrow.com

Sigrow scale is large and easy to use, so it can measure big seed trays for large scale agricultural use. Very convenient: it's wireless (over 500 meters) and operates more than 3 months on 2xAA batteries.

Finally the nurseries have continuous and easy access to an essential factor that influences their core activity: how much water is present in seed trays, and use this data to make subsequent adjustments to optimize production.



To start in balance should be easy.

- Track water of your seed trays
- Robust and accurate
- 20 Kg in 0.25 g steps

Sigrow products

Mass Start

NEW

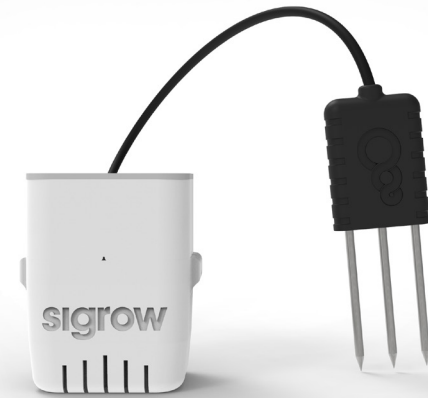
Accurate
weighing
has never
been this
easy!



To start in balance should be easy.

Track water of your seed trays.
Robust and accurate.
20 Kg in 0.25 g steps

Soil Pro



The
all-in-one
growth
conditions
sensor

Light, air and soil in one.

Light PAR, Air Temperature, Air Humidity, Soil Water, Soil
Electrical Conductivity, Soil Temperature in a single wireless
device with a battery that last more than 1 year.
1 Km range.

Thermal Camera+

NEW

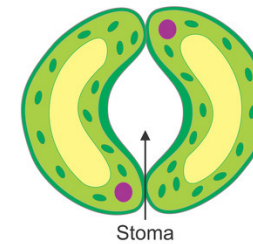
**Wireless Thermal Camera
with online platform.**

Check your leaf temperature and ensure optimum photosynthesis
and water uptake status.

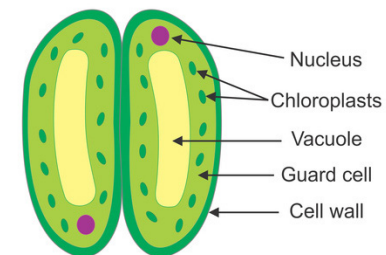
Finally we can see how plants are transpiring.

Stomata closes under climate stress reducing CO₂ uptake and
increasing plant temperature. Find the right climate, open your
stomata and let CO₂ in.

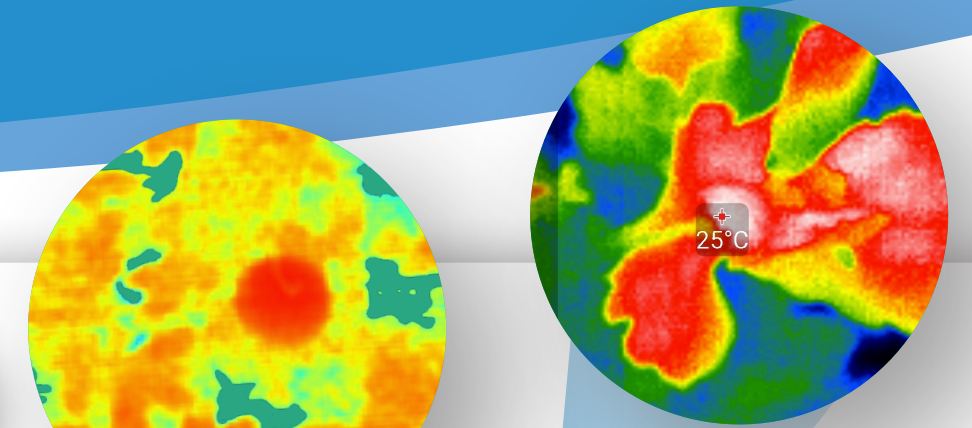
Stoma open



Stoma closed



Keep an
active eye
on your
plants!



Made in The Netherlands



Plant Physiology Essentials



Free Online Software

Products

We look forward to **Growing Together**



General inquiry: info@sigrow.com
Technical inquiry: support@sigrow.com

DROEVENDAALSESTEEG 4 A, 6708 PB WAGENINGEN
THE NETHERLANDS