

# GrowWatch for Seed Production



## The GrowWatch harmonizes and optimizes seed production

With Concepts of Fytagoras you do have access to customized solutions and unique concepts.

One of the concepts developed by Fytagoras is the GrowWatch for seed production.

A revolutionary concept that improves and harmonises seed production at different production sites!

### GrowWatch proves itself

GrowWatch means more than sensors and software.

In this concept you monitor all your production locations from your office and learn to analyze all relevant data.

An experienced consultant helps you to analyze the measurements of your crop and provides you with useful advice.

*"We don't need large reports,  
but a practical solution.*

*GrowWatch realizes this. It is a smart  
but above all a practical concept with  
an excellent consultancy."*

### What happens in your seed production?

Progressing techniques and smart software enables nowadays careful crop monitoring. The production of seeds requires great cultivation skills to achieve both high quality seeds and high yields. Specially the final quality of seeds is sensitive to the growth and plant conditions during seed development and maturation. Insight into the plant conditions at the production sites will greatly help to improve quality and harmonization of the seed production process at the different production sites.

Innovation seems complicated, and makes people cautious. Concepts of Fytagoras lifts this cautions, with the innovative GrowWatch concept.

### GrowWatch guides you in your own company

GrowWatch is an unique combination of sensors, software, values and knowledge. The concept has been developed in such a way that it can be applied in every greenhouse. The sensors in and around the crop measures relative humidity, CO<sub>2</sub>, the temperature of the crop, substrate and environment, the PAR light and the photosynthesis. All measured values are transferred every five minutes to the GrowWatch server, of course wireless. You can log in from any computer 24 hours per day having access to the data. Thanks to the smart software all values are presented to you in clear tables and graphs. You can monitor the whole process at your seed production sites and react accordingly to it. Seed quality limiting parameters are detected at an early stage and loss of high quality yield can be avoided. With the GrowWatch you can positively influence the development of the seeds. Resulting in a higher product quality and a higher yield!

### Where are your opportunities?

GrowWatch provides you with more insight in the growing circumstances at your production sites. With small adjustments in the climate settings you can increase the quality of your seed production considerably. In addition, you can compare and harmonize conditions at different production sites. With this you can improve your financial results.

### Gain from your experience

GrowWatch also offers you sharing data with the seed producers. Their input can be of essential importance. Provided that everybody has granted rights to each other, data can be exchanged in order to compare these, to assess these and finally in order to learn and take advantage of the experiences obtained in practice. A specialist from Fytagoras can investigate possible common problems in an efficient way. Besides this Fytagoras can watch, upon request, at the growers data and provide advices. This can result immediately in higher quality.

### Innovative customized concepts

With Concepts of Fytagoras you are introducing customized solutions. Your knowledge, experience, wishes and ambitions are the points of departure for us. Fytagoras analyses precisely all aspects that are influencing the yield of your company. Subsequently we develop innovative concepts, also customized. Our specialists combine Knowledge and Technique, which guarantees a way of working that is innovative as well as practical. Concepts of Fytagoras enables you to realize making the impossible possible.

*Partners in knowledge and performance!*



## GROWWATCH

- Gives insight into the production of your seeds
- Decreases loss of quality and detects quality limiting parameters
- Optimizes climate settings
- Connectable to different systems
- Influencing seed development positively
- Results in a higher yield

*'GrowWatch supported us with apparently small adaptations in the climate settings into great results!'*



**Fytagoras BV**  
knowledge in science