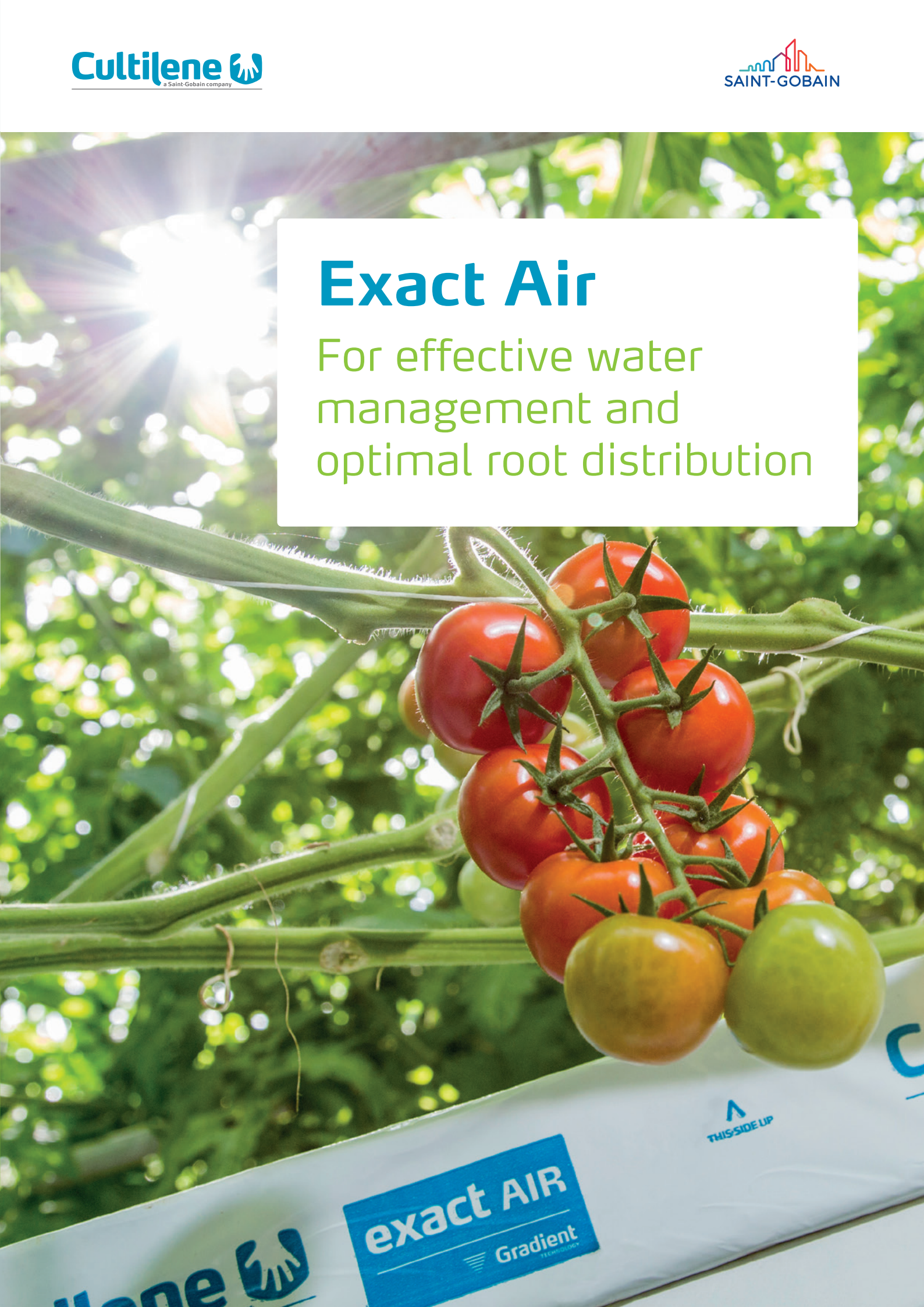


# Exact Air

For effective water management and optimal root distribution



**exact AIR**  
Gradient  
TECHNOLOGY

  
THIS SIDE UP

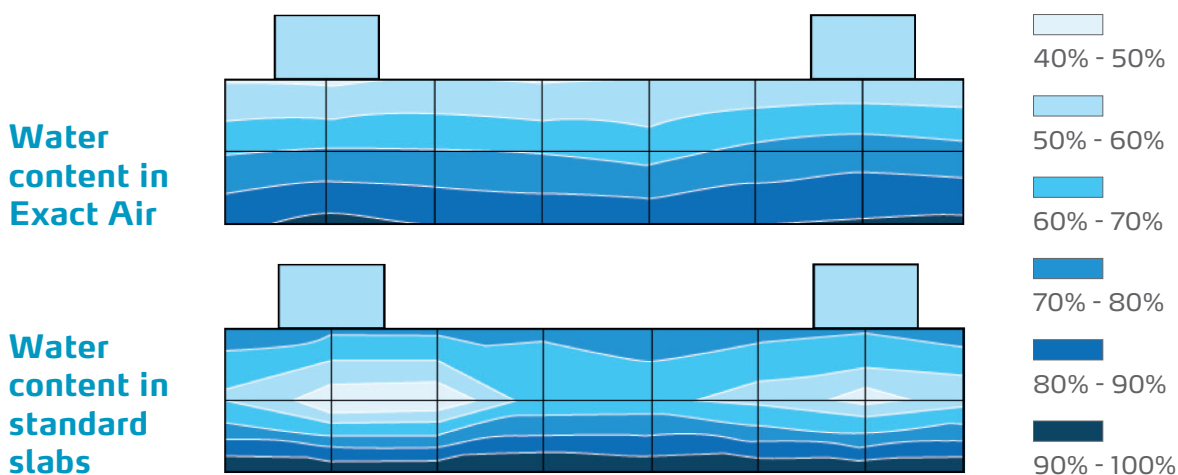
**Cultilene** 



# Root distribution throughout the entire slab

Exact Air is a stone wool slab that is made using **Gradient Technology**. Thanks to the Gradient Technology, the increase in the density of the stone wool is 'changing' from top to bottom. This gives a more even distribution of water content, EC, pH and oxygen. Exact Air has less water roots and good root distribution through the whole slab.

## Differences between water content in Exact Air and standard slabs



# Why choose Cultilene Exact Air?

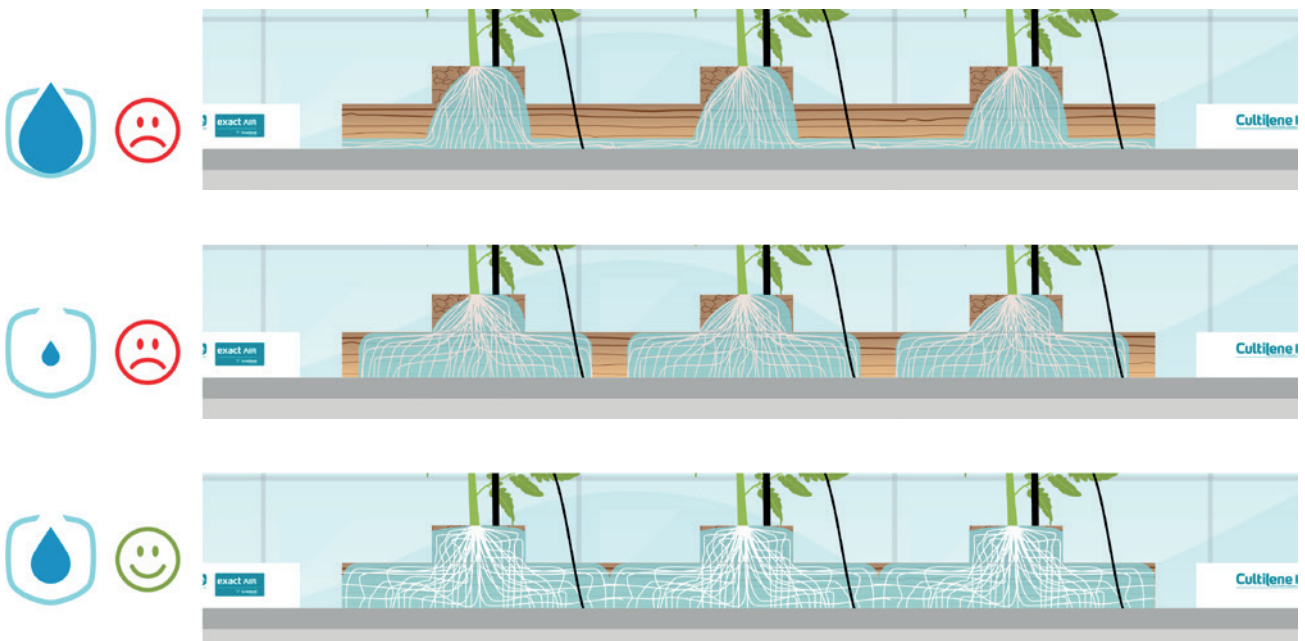
- ✓ Superior oxygen levels
- ✓ Fantastic root distribution
- ✓ Uniform resaturation
- ✓ Less water roots and more air roots
- ✓ Wider range of dose sizes
- ✓ Vegetative and generative steering
- ✓ Good control in all conditions



## Optimal dose size

An effective, even irrigation is one of the most important factors for successful cultivation. The dose size plays a key role in this. An optimal dose size produces a broad cone, where as much of the substrate as possible is changed. In this case there is a 'stacking effect': the grower provides water, which is then given time to spread through the slab, after which he provides more water. In the accompanying illustration the effect of an optimal dose size versus a small or large dose size is shown.

### The effect of an optimal dose size



# Smart Root Zone Management

"Cultilene Cares" which is why we have developed Smart Root Zone Management. This model is made of three pillars to continuously optimize your crop by focusing on the root zone. This also relates to "Plant Empowerment" which is to optimize production, minimize inputs and keep plants in balance. The three pillars are:



## FRAMEWORK

is a detailed guide to get optimal use from your Cultilene substrate during your crop. Here you will find day to day advice for the whole season.



## OUR PEOPLE

are professionals who would like to share their worldwide acquired knowledge to bring your production to a higher level.



## CULTIVATCH

is the sensor platform that helps you monitor your root zone and make adjustments faster.



### CONTROLLABLE WATER BUFFER WITH THE FOLLOWING CHARACTERISTICS:

PARAMETER	
Time required to sink	RHP Class 1 (< 25 sec)
Nominal water content – at drainage	90%
Nominal water content – pF1	65%
Control range*	50 - 80%

\*Indication of average values in practice.

The RHP standard applies to the minimum values.

Curious about what the **Exact Air slab** can do for you? Get in touch!

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