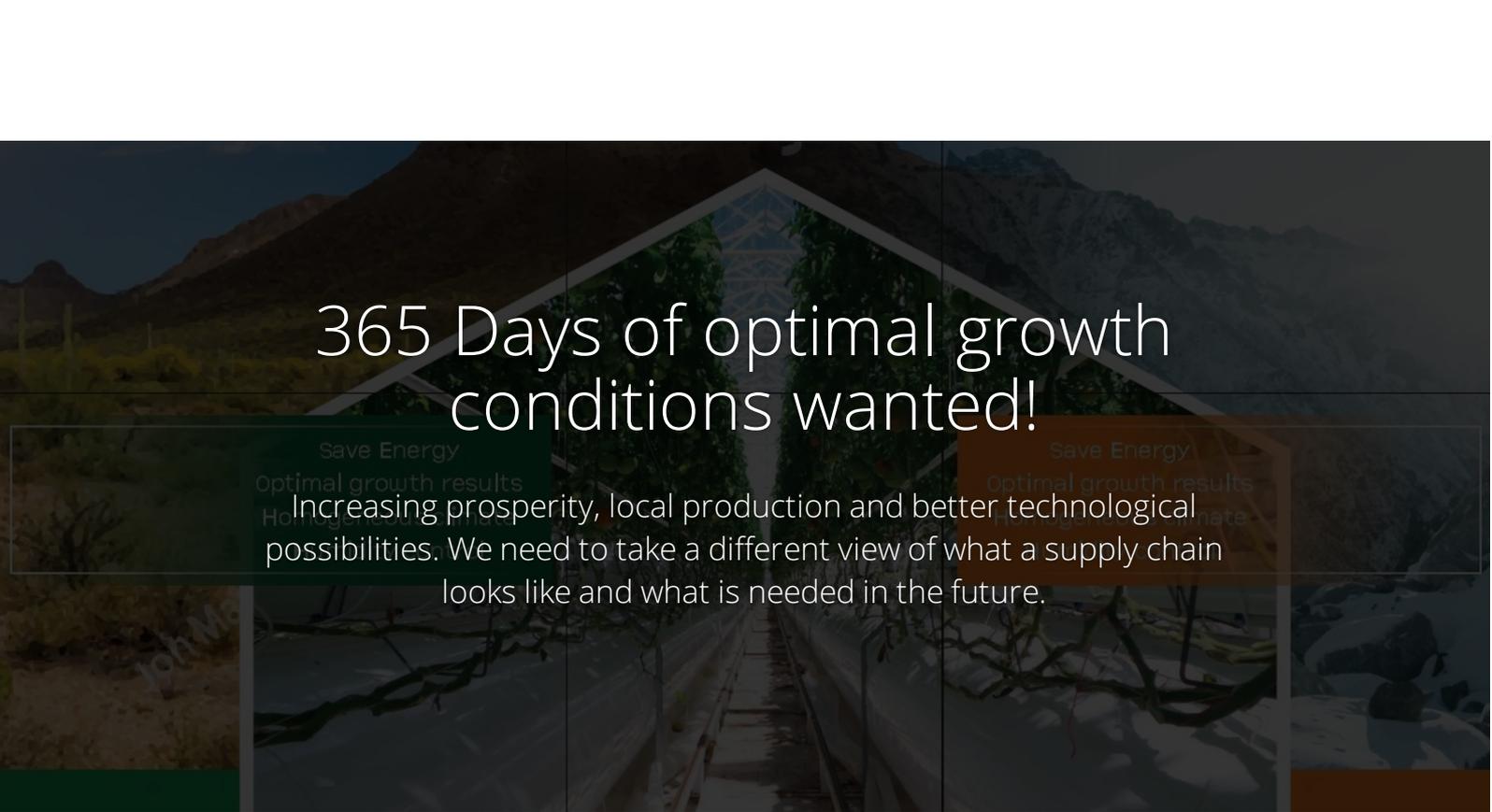


365 Days of optimal growth conditions wanted!

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Save Energy
Optimal growth results
Higher yields
Increasing prosperity, local production and better technological possibilities. We need to take a different view of what a supply chain looks like and what is needed in the future.

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Increasing prosperity, local production and better technological possibilities. These are just some of the trends that mean we need to take a different view of what a supply chain looks like and what is needed in the future. Wherever they are in the world, growers are looking for the best conditions for optimal growth and production 365 days a year but, up to now, they have been limited by their location's prevailing climatic and geological conditions. KE GrowAir and Orange Climate Agri know that this is no longer necessary and offer growers a full 365 days of optimal growth conditions. Find out for yourself at the international Greentech trade fair at RAI Amsterdam (12 - 14 June) or visit the production facility on 15 June.

The ultimate production location for growers and cultivators is a semi-closed system over which they have almost complete control and can grow their crops optimally. According to KE GrowAir and Orange Climate Agri, the production location can be a greenhouse, but a vertical farm without daylight is another option. In either case, it is about creating an optimal climate for optimal production at the lowest possible cost and producing the highest possible yield. To realise 365 days of optimal growth and to achieve maximum yield, optimal temperature and humidity control are required, along with the right mix of light, nutrients and CO₂. Together, KE GrowAir and Orange Climate Agri ensure this.

A semi-closed system needs to be controlled differently: the crop must be actively maintained. A good mechanical ventilation and circulation system makes this possible by creating a specific

climate. KE GrowAir specialises in homogeneous air distribution, in which the acclimatised air is distributed through patented GrowAir® air distribution hosepipes. This results in a smaller horizontal and vertical temperature gradient than with non-patented air distribution hosepipes. The climate is therefore better homogenised by using GrowAir hosepipes. It makes working with closed systems simple. By keeping the production site closed, the CO2 use is higher and disease control is kept to a minimum or even completely unnecessary. The result of all this is significantly improved production.

Thanks to Orange Climate Agri's air handling units, specific climate conditions can be maintained in a sustainable and energy-efficient way. For example, heat recovery with more than 90% efficiency and active re-circulation with maintenance of the CO2 level. Create an optimal and stable temperature and humidity range for growing. By maintaining these specific conditions in the greenhouse in the right way, the powerful combination of KE GrowAir and Orange Climate Agri offers 365 days of optimal growth conditions!

Any growers looking for an optimal growth climate, energy savings, CO2 retention and optimal growth conditions 365 days a year should head straight to stand 8.126 at Greentech (12 - 14 June at RAI Amsterdam). [Registering for a visit is free up to 5 June](#). To get the complete picture, you can also visit the production location in Drunen on Friday 15 June. For more information, please contact r.groen@ke-growair.nl



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