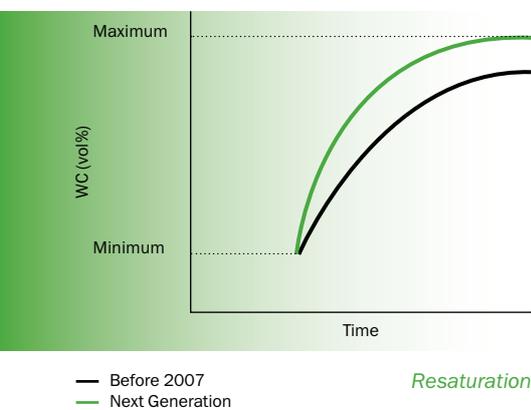




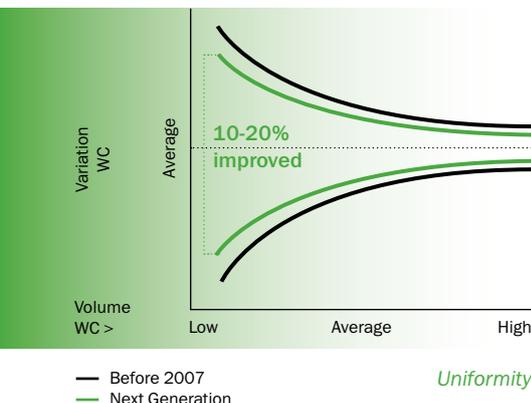
www.growland.net / www.growland-hydroponics.com
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<https://www.growland.nl> / <https://www.growland.it>
<https://www.growland.se> / <https://www.growland.pl>

Simple watering for trouble-free cultivation

Grodan is introducing the new Grodan Vital slab as one of the company's new generation of substrate solutions. These 'Next Generation' slabs, manufactured using new and revolutionary production technology, offer growers numerous benefits for both their business operations and their crop results.



Thanks to its unique fibres, Grodan Vital has considerably improved resaturation, more uniform water buffer and improved root development in comparison with the Expert slabs. The new production technology means the slab can be resaturated better and faster than before (see illustration). The distribution of the water content and the EC is also more uniform, not only within slabs but also among the slabs (see illustration).



The solution

This makes the Grodan Vital the solution for growers seeking a reliable substrate that facilitates a simple watering policy and that offers certainty throughout the cultivation period.

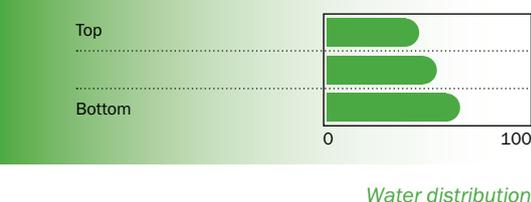
Extremely versatile

Reliability and certainty occupy a central position in order to improve the quality of your produce, to limit your business risks and to improve your business results. The simple watering method, the safe water buffer and the fast rooting that characterise Grodan Vital will help you to increase the yield of your crop.

Moreover, Grodan Vital is extremely versatile and lends itself perfectly to the cultivation of the most important vegetable crops such as: tomatoes, sweet peppers, cucumbers and aubergines.

Product specifications Grodan Vital

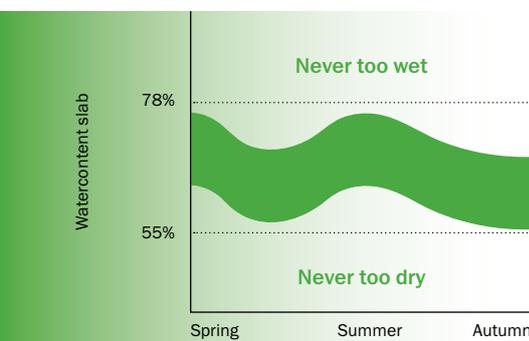
- Single-season slab
- Open fibre structure
- WC control range: 55% to 78% (day level)
- Good WC and EC distribution throughout the slab
- Good, fast resaturation





The benefits Grodan Vital

- Simple watering
- Safe water buffer
- Fast root development

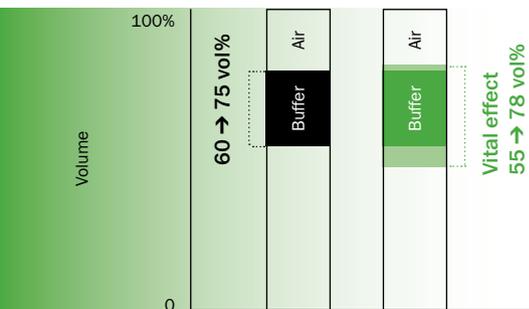


— Grodan Vital

Simple watering

Simple watering

The properties of Grodan Vital make a multi-faceted watering policy possible. You can allow the water content to fluctuate with no problems, within a safe range between 55% and 78% (day level). If insufficient water has been given, you can resaturate the slab quickly at any desired moment. In the event of too much water being given the slab's properties prevent the WC from rising too high.



— Before 2007
— Next Generation

Safe water buffer

Safe water buffer

The large water buffer and excellent resaturation of Grodan Vital ensures the slab retains adequate moisture at all times, thus there is always sufficient water available for the plant. Thanks to the improved capillary action Grodan Vital also retains moisture evenly over its entire depth with practical trials demonstrating improved root distribution throughout the slab compared with the standard Expert slab.



Fast root development

Fast root development

The open fibrous structure of Grodan Vital enables the roots to penetrate the slab easily, resulting in fast root development. Fast rooting guarantees swift and uniform crop development resulting in a stronger plant with greater vigour. In addition, the extra firmness of the slab guarantees a stable root volume right up until the end of the cultivation cycle.

What else does Grodan offer you?



In addition to the advanced Grodan Vital slab, Grodan also offers you:

- Products with KIWA and European Eco-label certification
- Sustainable recycling solutions
- Water-content meters for monitoring and controlling WC, EC and temperature
- Gronow: digital advisory program
- Expert and up-to-date growers' advice based on the 6-phase model



Grodan products are EU Ecolabel certified | NL / 029 / 1

All our information and advice is compiled with the greatest possible care and in accordance with the state of the art. However we are unable to assume any liability for the contents – November 2008

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Grodan's 6-phase model offers you recommended values – at a glance – for the relevant type of slab and cultivation phase of your crop. You can use these recommended values to make any adjustments to the watering strategy that may be required, thereby further improving your control of the cultivation and assuring you of an optimum crop.