

Grodan® Expert

*Rapid start,
and firm to the end*

Is rapid rooting and the fast initiation of vegetative growth important to your crop? Do you need a slab that remains firm throughout the season, and do you desire excellent irrigation control for the crop? If so, then the Expert slab is the ideal substrate for your needs. This single-season slab has a vertical fibrous structure, resulting in a firm slab. The Expert offers excellent watering control of the crop. In addition, it has proved to be an excellent substrate for trouble-free cultivation. As a result of all these benefits, in combination with its favourable price, it is understandable that the high-quality Expert slab has been extremely popular with growers for many years.

Grodan supplies cultivation solutions that comprise a combination of advice, support and a clean and controllable substrate. This results in the best basis for the cultivation of safe, healthy and high-quality vegetables and plants. The Expert slab is an ideal substrate for growers who opt for rapid root growth initiation, trouble-free cultivation, and desire a firm slab that lasts throughout the cropping period.



Benefits:

- Rapid rooting
- Vegetative growth at the beginning of the cultivation of the crop
- Extra firmness by virtue of the fibrous structure
- Favourable price
- Proven reliability

Rapid rooting and initiation of vegetative growth

All stonewool slabs are comprised of cross-connected fibres. Most of the fibres in the Expert slab are aligned in a vertical direction, as a result of which the majority of the pores are parallel with the depth of the slab. This alignment, in combination with the moderate compaction of the slab, enables the roots to penetrate easily through the substrate – ultimately resulting in the rapid rooting of the plants. This excellent root development promotes the rapid initiation of vegetative growth at the beginning of the cultivation of the crop. In addition, the resultant natural capillarity, possessed by

the vertical fibres, ensures that the upper regions of the slab remain sufficiently moist. The plants are able to make use of the entire volume of the Expert slab, resulting in increased root growth throughout the slab – which in turn renders the plants stronger, healthier, and with an increased resistance to disease and other infections occurring during production season.

Extra firmness

The Expert slab has a reputation of being a firm slab – a property the slab owes to the vertical arrangement of the fibres. This characteristic of the slab results in a sub-





stantially reduced risk of shrinkage, and obviates the need for the excessive compaction during the manufacturing process. Consequently the substrate slab retains its depth – and, in turn, an optimum volume – throughout the cultivation period.

Favourable price

A slab offering excellent properties for a favourable price – these are the features characterising the Expert slab. The price compared to the quality of the Expert slab has resulted in its popularity amongst growers who opt for a quality product promoting trouble-free crop irrigation.

Proven reliability

Trouble-free cultivation – a proven benefit offered by the Expert slab throughout the ten-year period it has been available to the market. The convenience of the slab is largely due to its excellent and predictable water-control performance. The Expert combines efficient and effective control of the water content within the range of 60 to 75%, plus the benefits of rapid excess water drainage for water management and EC control.

In addition, once the harvesting is complete, the slab can be rapidly dried back – which is of great benefit when clearing the greenhouse.

Growers, who require maximum substrate reliability and minimum exposure to risk, are continually growing premium quality crops, of every type, on the Expert slab.

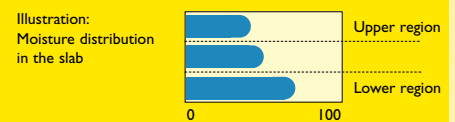
The Expert slab constitutes the best basis for growers who opt for a rapid initiation of growth, problem-free cultivation, and a firm slab until the end of harvesting.

What Grodan can offer you

- A clean and disease-free substrate that neither exudes nutrients or other substances during cultivation, nor locks nutrients in the slab
- Responsible recycling of Grodan slabs
- Substrate slab with the Dutch Ecolabel Milieukeur*
- Water-content meters – WCM-Control (monitoring) and WCM-continuous – for the control of the water content, EC, and temperature of the slab
- Up-to date advice for users

Product specifications

- Single-season slab
- Available in a variety of dimensions. See www.grodan.com
- Vertical fibrous structure
- Water-content control range: 60-75%
- Natural distribution of moisture across the depth of the slab



* This is only applicable in The Netherlands and Belgium

More information

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