



# 1

Greater steering possibilities

# 2

Solid base for controlled plant development

# 3

Complete root penetration

# 4

Drier upper part reduces the risk of diseases

# 5

Proven to be more productive

## Solid base for top production

**Plantop NG2.0** is our new standard block for the propagation of vegetable plants. Our advanced NG2.0 technology ensures a fast, effective distribution of water and nutrients throughout the blocks, enabling maximum utilisation of the substrate volume and promoting a fast, healthy development of the root system and the young plants. Plantop NG2.0 may rightly be classed as a solid base for top results in both propagation and cultivation.

### Use

Plantop is the ideal block for propagators who want compact, generative plants with a well-developed, active root system throughout the entire block. Plantop has proven to be the best block for an optimum block/slab combination.

### NG2.0 Technology

NG2.0 is the logical next step up from our Next Generation Technology. In comparison with the preceding generation, crops grown in NG2.0 blocks and slabs need slightly smaller amounts of water and nutrients and the EC in the slab can be corrected faster and more accurately, especially in winter, resulting in a more vigorous crop that can be more effectively controlled and that has a healthy, fine root structure and a larger active root volume. NG2.0 is indeed the next step forward in Precision Growing.

# 1



Fast, uniform initial saturation

# 2

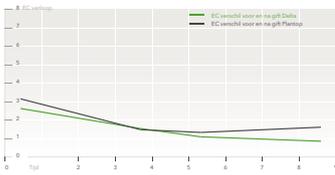


Better distribution of WC and EC, especially in the upper part of the block

# 3



Better utilisation of the entire substrate volume



## 1 Greater steering possibilities

The hydrophilic fibres and uniform distribution of water make it possible to control the crop's development at low water contents without adversely affecting the availability of water and nutrients. In combination with a high EC this promotes compact, generative plant development with the focus on early flowering and fruit set. Plants propagated in Plantop NG2.0 stand out for their strong flower development, fast succession of flowers and controlled, vigorous fruit set.



## 2 Solid base for controlled plant development

Being very robust, Plantop NG2.0 blocks behave very well in mechanical handling and internal transport in modern propagation processes. Supporting material such as stakes can be firmly inserted in the blocks. The block's excellent physical properties enable the plants to utilise the entire substrate volume and develop a stronger root system. Plants can be more easily controlled via irrigation, resulting in uniform batches of plants with a compact, generative composition.



## 3 Complete root penetration

The hydrophilic fibres ensure a very uniform distribution of water throughout the entire block, promoting the development of a strong, finely branched root system with many active growing tips. Even under dry propagation conditions with low water contents this will result in uniform, complete root penetration. The roots will branch predominantly inside the block, with little root growth under the block, which will greatly reduce the risks of damage in the logistic process. The improved interaction between the block and the slab makes generative steering via irrigation easier after the planting too.



## 4 Drier upper part reduces the risk of diseases

Better evaporation at the top of the block ensures that the top 0.5 cm of the Plantop NG2.0 block remains a little drier during both propagation and cultivation, reducing the growth of algae on the block and the risk of the survival of Sciara larvae, and hence the risk of infections caused by fungi such as Fusarium. Plantop guarantees a vigorous, extremely healthy root system that will maximally support a crop's development.



## 5 Proven to be more productive

All in all, the various benefits lead to higher, top-quality production, one of the reasons being that plants growing in Plantop will form more new roots at the base of the plant in stress situations, such as very high radiation, than plants growing in other stone wool blocks or substrates. In tomato, sweet pepper and aubergine crops this has been found to result in a structurally higher fruit weight from the longest day onwards.

### More precision and convenience with GroSens and e-Gro

Our GroSens wireless slab sensors and e-Gro user app for smartphones make Precision Growing even easier. Our GroSens handheld meter is a flexible, reliable instrument enabling you to measure the water content, EC and temperature of any slab, while our GroSens Multisensor system will accurately analyse these data for an entire irrigation section 24/7. Together with our e-Gro app, they will grant you a better understanding of and control over the environment of your plants' roots. Precision Growing has never been so precise.



#### For more information:

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