



# 1

Fast, complete root penetration

# 2

Uniform, vegetative steering

# 3

Stronger, vigorous plants

# 4

Lasting contribution to a crop's development

# 5

Efficient use of water and nutrients

## For vegetative, maximum vigour

**Plantop Dry NG2.0** is Grodan's new propagation block, specially intended for propagators who want a slightly drier block that will enable them to realise vegetative plant development with fairly generous irrigation. Excellent results have been achieved with sweet pepper plants grown in the new block.

### Use

Plantop Dry is a slightly drier block enabling easy irrigation while ensuring vegetative vigour in crops such as sweet pepper. Plantop Dry can be optimally combined with 7.5-cm-high slabs.

### 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

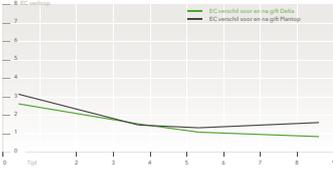


Better utilisation of the entire substrate volume



## 1 Fast, complete root penetration

Thanks to the perfect fit of the plug and the block, the root tips come into direct contact with the block, promoting fast, healthy initial development after the young plants have been pricked out. The block's composition and structure ensure a uniform distribution of water and enable the roots to quickly penetrate the entire block volume. Plants soon become firmly anchored in the block, where they can grow unhindered and vigorously.



## 2 Uniform, vegetative steering

The water content (WC) and EC in Plantop Dry blocks can be excellently controlled. The virtual absence of differences between the blocks guarantees uniform plant development. The block's relatively dry character means that plants growing in Plantop Dry maybe frequently watered - ideal for a vegetative, vigorous start of your crop's development. The young plants will soon form sufficient leaf mass to facilitate fast root penetration throughout the entire block and a high production of dry matter.



## 3 Stronger, vigorous plants

The Plantop Dry block's superior water and air balance ensures a perfect distribution of water and nutrients throughout the entire block while the uniformity of the blocks promotes steady growth and enables maximum control over the plants' development. Plantop Dry allows more frequent watering to realise a vegetative effect. Ideal for the propagation of strong, vigorous plants with maximum root development and a high concentration of dry matter.



## 4 Lasting contribution to a crop's development

Plantop Dry NG2.0 blocks naturally retain a little less water than our standard Plantop NG2.0 blocks. This means that your crop may be watered more frequently to promote complete penetration of well-branched roots throughout the entire block volume. New, healthy roots will continue to grow from the block in the later phases of your crop's development and they will contribute to the plants' vigour and productivity.



## 5 Efficient use of water and nutrients

The uniformity of the WC and EC in and between the blocks results in a somewhat higher absolute water content, enabling you to water your crop a little less often than usual while ensuring a more efficient use of water and nutrients. Plantop Dry NG2.0 blocks are completely safe for the water quality. The drainage water can be 100% recycled after disinfection – another factor contributing towards an efficient, sustainable cultivation method.

### 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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