



Grodan Improved

Designed to Grow

Grodan partnered with the Wageningen University and Research Facility and top growers to determine the optimal stone wool substrate and irrigation strategies for indoor and greenhouse medicinal crops. The result of this scientific rigor is Grodan Gro-Block Improved with our Advanced Wetting Agent. These leading edge blocks have the optimal fiber structure and physical properties for crop uniformity, more even Water Content (WC) and Electrical Conductivity (EC) distribution throughout the entire block, and excellent steering capabilities. Water distribution is more uniform throughout the entire block which is the basis for a well-defined root system with higher capacities for water and nutrient uptake to produce robust and vigorous crops. Designed for growers with experience in Precision Growing techniques, Grodan Improved delivers strong plant development and yield while minimizing water/nutrient usage.

Key features

New and improved wetting agent and hydrophilic technology has very good water distribution over the height of the block. This results in greater plant development and steerability and more efficient use of water and nutrients.

Optimized wool structure allows for faster rooting-in and improved nutrient solution replenishment, all while the Gro-Block Improved maintains its structure, firmness, and rigidity throughout the growing process.

All our information and advice is compiled with the greatest possible care and in accordance with state of the art technology. However we are unable to assume any liability for the contents. – 2023

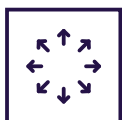
Product Data Sheet

Key benefits



Excellent control

The improved initial saturation and improved water distribution throughout the height of the blocks results in improved root growth, and more stable EC behavior in the root zone. The enhanced water holding capabilities benefit growers of all experience levels. This makes it is easier than ever before to control your crop, with even less inputs, from propagation through to harvest.



Balanced steering possibilities

Advanced technology used in Grodan Gro-Block Improved combined with the uniformity of WC and EC throughout the entire block provide very good vegetative and generative steering. WC and EC can be adjusted more rapidly and efficiently. This offers additional assurances, such as in the case that the grower would need to adjust root zone WC or EC.



Roots making better use of entire substrate volume

Both the rooting-in and rooting-through plant processes have improved. Trials have repeatedly shown that the initial rooting-in phase in Grodan Gro-Block Improved occurs several days faster, speeding up the vegetative phase and time to harvest. The more effective rooting-through of the entire substrate volume leads to a visible increase of roots and thus, better water and nutrient uptake. Naturally, this results in enhanced plant health and productivity from start to finish.



Stronger, more vigorous plant development

Due to the better developed root system in Grodan Gro-Block Improved, the trial results showed improved plant growth, including larger plant size, greater stem thickness and bigger leaves. Ultimately, this can lead to higher yield, even for growers with moderate crop steering experience.

Product data

Description	Dimensions (WxHxL) in mm
Grodan Improved Mini-Block GRIMM40	40x40x40
Grodan Improved GRI4	75x75x75
Grodan Improved GRI6.5	100x100x65
Grodan Improved GRI10	100x100x100
Grodan Improved GRI22.5 Jumbo	150x150x100
Grodan Improved GRI32 Hugo	150x150x142
Grodan Improved GRI57 Little Mama	200x200x142
Grodan Improved GRI80 Big Mama	200x200x200

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