



Grodan Max Plugs

Grodan Max Plugs deliver fast, uniform root development and excellent irrigation control and flexibility

The Grodan Max Plug is designed to deliver excellent water holding capacity, uniform water distribution and the air-filled pore space needed to achieve controlled dry down. The grower benefits from strong irrigation control and flexibility and fast, uniform root development. This helps to maximize the number of healthy, usable transplants and capture more value from every propagation batch.

Application

Grodan Max Plugs are the ideal solution for cannabis growers who optimize for crop performance and propagation speed. They are suitable for both mechanical and manual processing.

Grodan Max Technology

Grodan Max is engineered for growers who demand maximum control over the root zone. Through the optimization of substrate design and manufacturing processes, Grodan Max delivers exceptional water distribution characteristics and consistent response to crop steering inputs supporting highly uniform crop development, improved yield performance, and consistent quality.

Key Benefits

- 1

Fast and Highly Uniform Root Development

Grodan Max Plugs support initial root strike in as few as 8 days while maintaining a controlled dry down. The Vision Technology delivers excellent air-filled pore space at field capacity, excellent water-holding capacity and uniform water distribution. These characteristics support fast, uniform and equal root development and help more cuttings reach transplant readiness together. This enables shorter propagation cycles that can lower the cost per transplant.
- 2

Excellent Irrigation Control and Flexibility

Grodan Max Plugs provide exceptional irrigation control and flexibility with the excellent water-holding capacity, uniform water distribution, sufficient air-filled pore space and controlled dry down. Delayed first irrigation and lower irrigation frequency provide propagators with a larger irrigation window while supporting the moisture and air conditions needed for root development.
- 3

Maximize Usable Transplants

Grodan Max Plugs help maximize the number of healthy, usable transplants produced from each propagation batch. Fast, uniform root development combined with controlled water management helps more cuttings develop strong root systems and reach transplant readiness within the target window, maximizing the value of the genetics, labor, and materials invested in propagation.

Product Data

Name	Dimensions	Hole Options	Quantity
Grodan Max Plug	1.5 x 1.5 x 1.6 in 36 x 36 x 40 mm	with hole and no hole	70 plugs / sheet 33 sheets / case

Designed to grow

Grodan is the global leader in supplying [soilless rootzone management solutions](#) for Controlled Environment Agriculture. These solutions are applied to the cultivation of vegetables, cannabis and flowers such as tomatoes, cucumbers, sweet peppers, eggplants, roses and gerberas.

At Grodan, we aim to help feed and treat the world's growing population by innovating solutions from our stone wool growing media to enable 'more-with-less' growing. Through the method known as out-of-soil, our [stone wool substrates](#), [sensor systems](#), [software](#) and [expertise](#) support the reliable, informed growing of healthy, fresh, high quality produce. Our material is 100% recyclable, and supports growing methods that use up to 50% less water, 20% less chemical plant protection products and 75% less land. Sustainability plays a prominent role within Grodan, from manufacturing stone wool substrates to [recycling solutions and services](#).

Grodan has more than 50 years of cultivation experience. We pioneered the development of hydroponic growing methods in the 1960s, and today, our soilless rootzone management solutions are used in large-scale commercial greenhouses and indoor facilities in over 70 countries across the globe. The head office is located in Roermond, the Netherlands.

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