

Grodan® Master Dry

The Dual Density Dry slab, offering generative growth with control

Is water management an important tool in influencing the optimum yield potential of your crop? Do you require a slab that assists in the stimulation of generative growth as part of your production requirements? If so, then Grodan's Master Dry slab is the ideal substrate slab for your needs. The Master Dry, a variant of the successful Master slab, has thicker fibres, resulting in a slab significantly drier than the standard Master which in turn results in the plants growth being more generative. This, in combination with the control available on the water content and EC, supports optimum yields of high-quality produce.

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 Master Dry slab is an ideal substrate for growers who wish to use the combination of a Master slab with drier properties, that promotes generative growth with the control of the water content to achieve an optimum yield.



Benefits:

- A drier Master slab still with a broad range of control
- Generative response of the plants
- Root development throughout the entire volume of the slab
- Efficient and effective refreshment of the substrate EC
- Optimum yield and quality

A broad range of control

The twin-layer fibrous structure of the Master Dry is comprised of a denser top layer and a more porous lower layer. This unique structure gives the grower a broad water content range of control of between 55% and 75%. This feature allows the water content to be easily decreased in the spring, increased in the summer months, and then decreased again in the autumn. Grodan's Master Dry, with its thicker fibres results in a slab that is 5-15% drier than the standard Master.

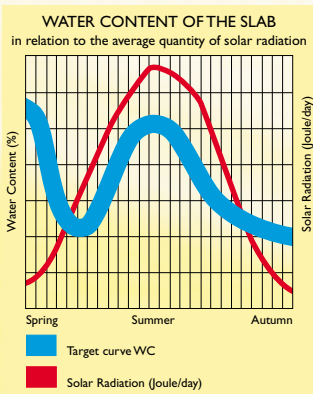
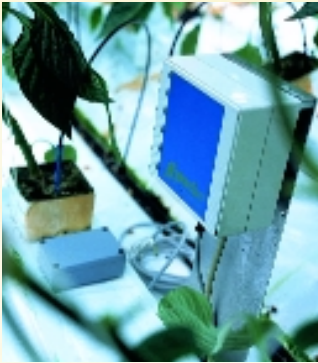
Generative response of the plants

The Master Dry gives a pronounced generative growth habit of the plants during the cropping cycle. This and the control range of the slab will result in many benefits. For example, the Master Dry actively supports the sweet pepper and tomato growers cultivating a vegetative variety, a late sowing date and/or a 2-stem system, or crops on weaker root systems.

Complete root development

Master Dry's unique characteristics ensures excellent root distribution. Water spreads





throughout the entire top layer before percolating through to the under layer. This distribution will result in roots developing throughout the slab volume, directly generating increased root development. Excellent distribution, combined with water management, will stimulate root vigour throughout the cropping season. The Master Dry gives the grower an additional security against unforeseen problems as the slab can be quickly resaturated. The result is healthy plants with an increased resistance to disease and other infections.

Efficient refreshment of the EC

Control of the water content is important, however EC control will also result in improved yields. The Master Dry offers the grower the opportunity to refresh the slab EC, using a minimum water quantity. This is due to the unique twin-layer structure of the fibres, where the water distributes across the top layer before percolating through the entire volume of the slab – resulting in EC refreshment throughout.

Optimum quality and yield

Independent research carried out by the PPO (Research Station for Floriculture/Glasshouse Vegetables in the Netherlands), and practical experience, have demonstrated that the implementation of water management will result in increased yields and improved crop quality. The Master Dry slab is ideally suited to this crop management technique, since it has proven itself as the slab for controlled generative cultivation. Growers, using the Master Dry, are able to manage the water and EC levels to achieve the desired yield and quality standards from their crop.

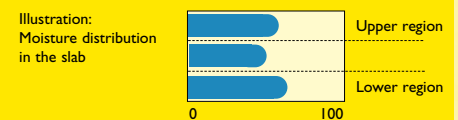
The Master Dry slab is an ideal substrate for growers who require a drier dual density slab, with generative growth habits and the capability of water content control in achieving excellent crops.

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 slab temperature
- Up-to date advice for users

Product specifications

- Single-season slab
- Available in a variety of dimensions. See www.grodan.com
- Unique twin-layered Master structure, with thicker fibres than the standard Master
- Water-content control range: 55-75%
- Excellent normal distribution of moisture across the volume of the slab



* This is only applicable in The Netherlands and Belgium

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