



Dry comfort
Comfortably dry!

Cultilene  Dc

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optimax
fibre

Cultile



Dry comfort guarantees a perfect balance between water and oxygen

Cultilene Dry comfort is a stone wool cube made using a vertically oriented fibre structure. Dry comfort is a solid cube and a bit drier than the Pc cube. There is less chance of algae growth on the cube and therefore less attractive for sciarid flies. Dry comfort is also characterised by fast rooting, making the plant attach quickly to the substrate slab.



Characteristics Dry comfort cube

Reactivity

Control speed, controllability of the cube



Refreshment

Refreshment rate for water, nutrition and oxygen



Resaturation

Ease with which the cube can be resaturated with water



Rooting to substrate slab

Speed with which the plant attaches itself to the slab



Firmness

Mechanical processibility based on resistance to compression



Why Cultilene Dry comfort?

- ✓ Dry and comfortable growing
- ✓ Perfect balance between water and oxygen
- ✓ Particularly good results have been achieved in pepper growing
- ✓ Optimal rooting through the cube
- ✓ Vertically fibre structure



The ideal conditions for successful pepper growing

Dry comfort is ideal for growing peppers. This new Cultilene cube differs in fibre thickness from the Pc cube. The fibres are thicker and therefore hold water a little less easily. This gives an overall water content of 40-45% in the cube on the slab, during cultivation. The type of slab, the height of the slab and the irrigation strategy used should be taken into account. The Dry comfort cube, which is suitable for 7.5 cm-high slabs, creates an optimal environment for the development of new roots.

Measurements

The root zone of the plant is still a grey area for many growers. The CARA MET sensors will change this: they provide insight into the situation in the root system by measuring the water content, EC and temperature. This offers opportunities to optimise the irrigation and fertilisation strategy and to achieve a controllable water buffer that enable the grower to keep the plant in balance. This guaranteed an optimal plant balance.



Smart Root Zone Management

“Cultilene Cares” which is why we have developed Smart Root Zone Management. This model is made of three pillars to continuously optimize your crop by focusing on the root zone. This also relates to “Plant Empowerment” which is to optimize production, minimize inputs and keeps plants in balance. The three pillars are:



FRAMEWORK

is a detailed guide to get optimal use from your Cultilene substrate during your crop. Here you will find day to day advice for the whole season.



OUR PEOPLE

are professionals who would like to share their worldwide acquired knowledge to bring your production to a higher level.



CULTIWATCH

is the sensor platform that helps you monitor your root zone and make adjustments faster.



CONTROLLABLE WATER BUFFER WITH THE FOLLOWING CHARACTERISTICS:

PARAMETER	
Time required to sink	RHP Class 1 (< 25 sec)
Nominal water content – at drainage	90%
Nominal water content – pF1	55%
Control range*	40 - 50%

*Indication of average values in practice.

The RHP standard applies to the minimum values.

Curious about what the **Dry comfort cube** can do for you? Get in touch!

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