



**K SUBSTRATES**

Substrates made by  
**Klasmann-Deilmann**

**Selected for South Africa**



1913

*we make it grow*

## PROPAGATION OF VEGETABLE AND ORNAMENTAL PLANTS, FRUIT AND FOREST TREES



### Plug Mix Extra Plus 402



A very open and fine structure, for better germination and root growth. Option: fine perlite for an increased drainage.  
 0,7 g/l fertiliser, pH H<sub>2</sub>O 6, AFP = 10-15%, WHCpF1-2 = 25-30%.  
 Registration number B 5311.

AFP : Air Filled Porosity  
 WHCpF1-2 : Water Holding Capacity from pF1 to pF2

White sod peat  
 (1 – 7 mm)

White peat  
 (0 – 5 mm)



### TS1 Fine 876



Best seller for modular trays, insures good contact with seeds, with higher germination rate and better rooting.  
 Can be used plain, or blended with locally available additives.  
 Option: lower fertiliser level.  
 1 g/l fertiliser, pH H<sub>2</sub>O 6, AFP = 8-12%, WHCpF1-2 = 30-35%.  
 Registration number B 5312.

White peat  
 (0 – 5 mm)



### TS1 MB 085



Modular trays : blends with locally available additives to in-crease water holding capacity and balance drainage. Improves the contact with the seeds giving a higher germination rate. Pots : can be used plain or blended with local raw material, gives better root and plant development.  
 1 g/l fertiliser, pH H<sub>2</sub>O 6, AFP = 10-15%, WHC pF1-2 >35%.  
 Registration number B 5314.

White peat  
 (0 – 25 mm)

White sod peat  
 (5 – 15 mm)



### TS1 MB GF 814



GreenFibre® inside !  
 New multipurpose substrate with increased air and drainage, without any risk of salt . No fertiliser, pH H<sub>2</sub>O 6, AFP >30%, WHC pF1-2 >25-30%

GreenFibre®

White peat  
 (0 – 10 mm)

## GROWING ON OF EDIBLE AND ORNAMENTAL PLANTS



### TS1 Medium + Fibres 784



Fibrous substrate to grow plants in bigger bags and pots.  
Peat fibre is allowing lateral water movement.  
Can be used plain or blended.

1 g/l fertiliser, pH H<sub>2</sub>O 6, AFP = 15-20%, WHCpF1-2 >30%  
Registration number B 5313.

AFP : Air Filled Porosity

WHCpF1-2 : Water Holding Capacity from pF1 to pF2

Peat fibers  
(0 - 30mm)

White peat  
(0-25 mm)



### TS 1 Coarse 418



Very coarse fibrous substrate to grow plants in big pots for long term crops, or sensitive plants. Peat fractions and peat fibres are increasing air capacity and drainage.

1 g/l fertiliser, pH H<sub>2</sub>O 6, AFP 25-35%, WHC pF1-2 >35%

Peat fibers  
(25 - 70mm)

White sod peat  
(25 - 45 mm)

White sod peat  
(10 - 25 mm)

White peat  
(0-25 mm)



### Lithuanian Peat Moss 931



Acidic peat for acidic plants as Protea, Blueberry, Azalea. It is in general blended with local raw material to decrease pH of growing media and soil.

Does exist in fine and coarse structure.

No fertiliser, pH H<sub>2</sub>O 4-4,5, AFP 10-15%, WHC pF1-2 >35%

White peat  
(0 - 25 mm)



### TS 4 Coarse "Blueberry" 391 with perlite + GreenFibre®



Substrate specially designed to grow blueberry in big pots, long term. This is the most representative product of a full specific range of growing media, to be chosen depending on growing conditions.  
Does exist with coir and perlite.

0,5 g/l fertiliser, pH H<sub>2</sub>O 4,8, AFP >30%, WHC pF1-2 >25%

GreenFibre®

Perlite

White sod peat  
(25 - 45 mm)

White sod peat  
(10 - 25 mm)

Peat fibers  
(25 - 70mm)

## *The Klasmann-Deilmann group*

**Klasmann-Deilmann is the leading group of companies in the international substrate industry.**

Our growing media provide the essential basis for plant growing : our partners and customers are successful all around the world.

Our objective is to achieve sustainable growth and continuing success in all areas of our business.

The main raw materials used in our products are white peat and black peat supplemented with other high-quality constituents such as GreenFibre®, perlite or coir if technically advised.

Our raw materials and growing media are under constant quality control by the RHP quality mark for professional substrates.

We provide intensive technical support and product training on site to make sure our substrates match with your local growing methods and requirements.

Our environmental protection measures include the re-wetting of several thousand hectares of former peat ex-traction land and restoring typical bogland conditions there.



If you would like to know more about us : [www.klasmann-deilmann.com](http://www.klasmann-deilmann.com) | [www.rhp.nl](http://www.rhp.nl) | [www.growing-media.eu](http://www.growing-media.eu)