

Special purpose substrates for highest demands

The Select product range from Klasmann-Deilmann





The Select product range also satisfies the considerable demand for special purpose substrates ideally tailored to particular geographical requirements and to special

choose the best components, determine the optimal composition and ensure that our production facilities manufacture the most suitable substrate for your particular crop. A substrate from the Select product range is the sophisticated solution for highest demands.

Your Select substrate

Our experts work with you to select the ideal substrate for your nursery.

SUBSTRATE CONSTITUENTS

- Frozen through black peat from Germany and Lithuania
- High-quality white sod peat and different white peat types from Lithuania, Latvia and Ireland
- Stable white peat fractions for all applications
- White peat with coarse structure to ensure good drainage
- GreenFibre®, a PEFC- and FSC-certified wood fibre product
- TerrAktiv®, an RHP-certified green compost
- TerrAktiv® FT, a fermented blend of wood fibre and green compost
- Coir and coco fibre
- Perlite, fine and coarse
- Other constituents for special applications

ADDITIVES

- All additives used are also subject to stringent controls in accordance with RHP guidelines
- pH value specifically adjusted by using fast-reacting lime with a high level of magnesium
- Different clay types to improve nutrient buffering or water balance
- EasyFix additive in substrates for stabilised seedling plugs
- Highly effective wetting agents
- Special additives to strengthen plant health

FERTILISER OPTIONS

- Exact and even fertilisation
- Different NPK fertiliser formulations
- Single-nutrient fertiliser available to supplement NPK fertiliser
- Fertilisation options include high potassium levels or specifically reduced P or N levels
- Specific trace element formulations
- A wide range of controlled-release and organic fertiliser types

ORGANIC SUBSTRATES

- Addition of alternative constituents including GreenFibre® and TerrAktiv® green compost
- Coir sourced from organic farming
- GMO-free fertiliser options such as horn-based fertiliser, organic NPK fertiliser, plant-based organic fertiliser
- Use of biodynamic compost preparations during green compost production
- Production processes for organic substrates and green compost is certified by "Grünstempel e.V.", an EU ecological certification body
- Organic substrates comply with the guidelines and requirements of national organic growers' associations

FORMS OF DELIVERY



70-liter bags







Big bales

Bulk

Checklist for your Select substrate

SELECT - Tailor-made substrates developed in dialog with you:

Comprehensive service and support

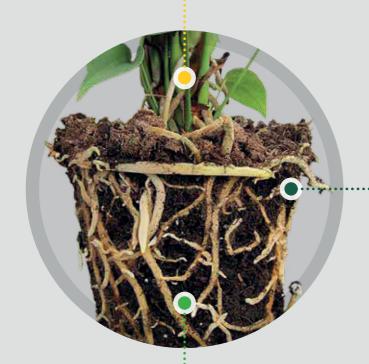
- Advice from our experts directly on site in your nursery
- In line with your individual requirements
- Access to our extensive knowledge of all main crops in your region
- Inside track on major developments and the latest trends in international horticulture
- Access to our network of experts in crop management and diagnostics from laboratories providing specific analytical services
- Analysis of irrigation water, nutrient solutions and substrates in our laboratories
- Detailed technical advice from our experts when growing problems are encountered

A wide range of options

- Organic and mineral constituents with certified quality
- Various combinations of nutrients
- Individually optimised selection of substrate components
- Ideal tailor-made substrate
- Reliable quality controls to ensure your Select substrate is always compliant with the agreed specification

Desired properties

- Optimum capillary water distribution
- Crop-specific air and water capacity
- High structural stability
- Perfectly suitable for use with automated filling lines
- Ideal press pot stability
- Very fine, free-flowing structure
- Medium, coarse or fibrous structure





YOUR NURSERY | YOUR REQUIREMENTS - When developing your Select substrate, we consider the following:

Us	e	Irri	gation	Cro	pp conditions	Oth	her aspects
	Crop		Ebb and flow system		Indoor crop		
	Growing system		Overhead irrigation		Outdoor crop		
	Pot size		Flow irrigation		Specific technical aspects		
	Ecological plant production		Capillary mat irrigation				
	Conventional growing		Drip irrigation				



YOUR SELECT SUBSTRATE - Our shared goal is your tailor-made substrate:

Peat types and constituents		Fertilisation	Further additives	Other aspects
Frozen through black peat	TerrAktiv [®]	pH value (H ₂ 0)	Wetting agent	<u> </u>
Peat fibre	TerrAktiv® FT	Fertiliser type	<u> </u>	<u> </u>
White peat, moderately	Perlite	Fertilisation level	<u> </u>	
decomposed	Coco fibre	Extra trace element fertiliser	<u> </u>	Structure
White sod peat	Coir			
White peat	Clay			Physical properties
GreenFibre®			<u> </u>	<u> </u>

