

Technical Information Melcourt Sylvafibre® - FSC

Product Description

A fine, composted British wood-fibre designed as a major growing medium ingredient, ideal for peat-free or peat-reduced plant production.

- Fine, free-flowing and consistent texture
- Blends very easily with other materials
- pH 5.5 - 6.5
- Low nutrient content
- Bulk density similar to peat
- Mid to dark brown in colour
- Entirely pest, weed and disease free
- Toxin free
- Stable structure which will not degrade with time
- Supplementary nitrogen not required
- Certified by the Forest Stewardship Council (FSC)
- Sold in 70 litre bags, bulk bags and in loose bulk



User Benefits

- Provides excellent air-water balance enabling the production of high quality plants
- Ideal for peat-free or peat-reduced plant production
- Equally suitable for ericaceous and non-ericaceous subjects
- Low nutrient level allows complete control over fertilizer additions
- Competitively priced compared to peat
- Structural durability makes Sylvafibre® ideal for long term crops
- Suitable on all types of bed, including sand, gravel and capillary matting
- Can also be used as a propagating medium
- Can also be used as a pot mulch
- Tried and tested over many years

How to use

- Melcourt Sylvafibre® can be used at up to 80% of the medium, the remainder being a moisture retentive material such as fine composted bark, coir or peat.
- Sylvafibre® blends easily with other materials, whether mixed by hand or by machine. Its resilient structure makes it more resistant than peat to over-mixing. It is entirely compatible with machine potting.
- No changes to normal fertilizer regimes are required. See [Guidance Notes](#) for further details.
- Magnesium lime should be added at 1.0-1.5kg/m³ for standard subjects and 0.5 - 1.0 kg/m³ for ericaceous subjects.

Propagation

- Sylvafibre® can be used as a propagation medium. Use 50/50 with either peat or coir.

Pot Mulching

- Sylvafibre® can be used as a 1 - 3 cm layer on the surface of pots to act as a suppressor of moss, liverwort and weeds, or to improve the appearance of retail trees and shrubs just prior to despatch. For best results use Melcourt Potting Bark or Propagating Bark. See [Pot Mulch](#) for further details

Typical Crop Applications

- Nursery stock, trees, bedding plants, pot plants, herbaceous perennials, alpiners, interior landscaping, bulb forcing, micro propagation, tubs and hanging baskets, vegetable and forest transplants etc.



Contact

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Crop Management

- The use of Sylvafibre® does not require any changes to the normal regime of crop management. However depending on the mix, the resulting compost may be more open than similar peat-based media, and some users may find that slightly more water is required.
- Sylvafibre® is similar to, and no worse than peat in that if allowed to become very dry at the surface it can be difficult to rewet. It is compatible with wetting agents and responds well to their use.

TECHNICAL SPECIFICATION

Main Constituent	Origin	Nominal Particle Size Range	Wood Content	Dust & Fines <1mm
Wood fibre	British	0 - 6 mm	> 80 %	40 %

pH	Typical Bulk Density Range	Moisture Content by weight as received	Air-Filled Porosity
5.5 - 6.5	380 - 420 kg/m ³	55 %	25 %

Electrical Conductivity	Plant Available Nutrient Content	Requirement for Supplementary Nitrogen	FSC Certified
120 µS/cm	negligible	no	Yes

All values given in the Technical Specification are typical. However, some variation may occur from time to time. Melcourt Industries Ltd reserves the right to alter the specification without notice, for the purpose of product improvement.

SUGGESTED PRODUCT USES

Product Applications		Crop Types	
Peat Replacement	Potting Standard Pot Sizes	Bedding Plants	Alpines
Propagation Open or Plug Trays	Potting Large Pot Sizes	Pot Bedding	Herbs
Direct Sticking	Overwintering Several Seasons	Pot Plants	Ericaceous & Salt-sensitive
Hardwood Cuttings	Pot Mulching	Nursery Stock	Hanging Baskets, Tubs and Troughs
Micropropagation Weaning	Plunge Beds	Specimen Trees & Shrubs	Street Planters
Seed composts	Border Soils	Conifers	Interior Landscaping
Liners	Strawberry Pot Culture	Herbaceous Perennials	Vegetable & Forest Transplants
Bulb Fibre	Turf	Bulbs	Strawberries