

Technical Information Melcourt Propagating Bark™ - SA

Product Description

A fine, substantially dust free, matured, European pine bark designed for use in mixes with peat or suitable alternatives for the vegetative propagation of nursery stock and a wide range of other plants.

Also an excellent pot mulch to suppress weed, moss and liverwort growth.

- Free-flowing and freely draining texture
- Particles predominantly 2 to 7 mm in size
- Long-lasting and resilient
- pH 4.5 - 5.5
- Negligible nutrient content
- Pest, weed and disease free
- Toxin free
- Approved by the Soil Association (SA) as a Restricted Input for organic systems.
- Sold in 70 litre bags, bulk bags and in loose bulk



User Benefits

- The natural durability and stability of pine bark make it the ideal growers' bark
- Promotes the rapid development of strong, healthy root systems
- Free-flowing texture for easy filling of both open and plug trays
- With its high air-filled porosity it promotes free drainage thus helping to prevent root rot
- Equally suitable for ericaceous and non-ericaceous subjects
- Safe to use with controlled release fertilizers, which promote stronger root growth, greater stem diameters and more budding
- Enables less peat to be consumed
- Evidence of pathogen suppression
- Blends easily with peat and other propagating materials
- Equally suitable under mist, fog, and/or polythene

How to use

- Melcourt Propagating Bark™ can be used at 25 to 100% by volume in the mix. It is equally effective with peat, coir and other propagating materials.
- Melcourt Propagating Bark™ blends easily with other compost ingredients whether mixed by hand or machine. Particularly good results can be achieved if controlled release fertilizer is incorporated into the mix. Use according to the manufacturer's recommendations.
- Supplementary nitrogen and lime are not required for propagating media based on Melcourt Propagating Bark

Typical Crop Applications

- Propagation of nursery stock, alpines, herbaceous perennials, pot plants, micro propagation weaning, hardwood winter cuttings. Also suitable for seed composts, e.g. forest tree seeds and orchids



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Crop Management

- Propagating media containing Melcourt Propagating Bark™ are ideal for use with any type of management system, including mist, fog, and/or polythene. No changes to crop management should be necessary, although it is important to be aware that the medium may be more open than a peat/grit mix and may therefore require slightly more water.

Pot Mulching

- To suppress the incidence of moss, liverwort and weed growth, spread an even layer of Melcourt Propagating Bark™ at a depth of 1-3 cms depending on pot size, on the clean surface of the compost, just after potting.
- This product can also be used to improve the appearance of retail shrubs, when applied to the clean compost surface just prior to despatch.
- See [Pot Mulch](#) section for further details

TECHNICAL SPECIFICATION

Main Constituent	Origin	Nominal Particle Size Range	Wood Content	Dust & Fines <1mm
Pine Bark	European	2 - 7 mm	< 3 %	< 5 %

pH	Typical Bulk Density Range	Moisture Content by weight as received	Air-Filled Porosity
4.5 - 5.5	290 - 330 kg/m ³	50 %	58 %

Electrical Conductivity	Plant Available Nutrient Content	Requirement for Supplementary Nitrogen	Soil Association Approved
100 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	Seed Composts	Bedding Plants	Alpines
Propagation Open or Plug Trays	Liners	Pot Plants	Herbs
Direct Sticking	Pot Mulching	Nursery Stock	Ericaceous & Salt-sensitive
Hardwood Cuttings	Organic Composts	Conifers	Vegetable & Forest Transplants
Micropropagation Weaning	Orchid Culture	Herbaceous Perennials	Orchids