Technical Information
Melcourt Topgrow™

Product Description

Melcourt Topgrow™ is a carefully formulated tree and shrub planting compost, 100% peat-free and containing balanced slow-release nutrients, used to aid the successful establishment of newly planted trees and shrubs.

- Free flowing and easy to handle
- Processed from natural, British sustainable materials
- Dark brown in colour
- Sold in 50 and 75 litre bags, bulk bags and in loose bulk

User Benefits

- Improves the soil quality, when planting bare root, root balled and container-grown trees and shrubs, from transplants and whips, up to semi mature subjects
- Formulated from bark and recycled materials recycled materials, containing no peat
- Easy to mix and incorporate, using simple tools
- Proven to be successful and effective in use
- Provides long term slow release of nutrients
- Adds valuable organic matter thus aiding nutrient retention and water-holding capacity
- Extremely cost-effective
- Nationally available, either pre-packed or in bulk loose quantities

How to Use

- Excavate a planting pit several sizes larger than root ball
- Blend Togrow with the excavated soil taking care not to smear the edges or base of the planting pit
- Normal soil (loam) : 1 part Melcourt Topgrow™ to 4 parts soil.
- Difficult soil (sand & clay) : 1 part Melcourt Topgrow™ to 3 parts soil
- For best results, apply a mulch from Melcourt's range of Landscape Mulches

Note: Melcourt Topgrow™ is not suitable for lime-hating plants such as rhododendrons. For these use Melcourt Composted Fine Bark™ with appropriate fertilizers

Contact

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Melcourt Topgrow™

The following text is recommended to be used by landscape architects and product specifiers, when inviting quotations for this product. The use of this text will not contravene the copyright of this publication.

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Product Specification

- The product shall consist of well composted, finely graded bark and organic residues of British origin, together with slow release fertilizers.
- The nominal particle size distribution to be 1-10 mm.
- Typical product analysis:

Bulk density range	420 - 470 kg/m^3
Dry matter	50%
Organic matter	80%
pH	6.5 - 7.5
Cation exchange capacity	medium
Nitrogen (N)	medium
Phosphorus (P)	medium
Potassium (K)	high
Magnesium (Mg)	medium
Electrical conductivity	900 µS/cm

Plus a reserve of slowly available balanced trace elements.

Application Rates

- Thoroughly mix 1 part Melcourt Topgrow™ to ..... *(insert number of parts)* of soil.
- Carefully back-fill into planting pit.

Additional Clauses

- Typical product samples to be provided upon request.
- All product volumes to be calculated using The Bulk Density method, as set out in BS EN 12579:2000 and BS EN 12580:2000.

Available from

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The following table gives a guide to the area in square metres, covered by one cubic metre, when evenly spread at the given depths:

Initial spreading depth required	50 mm	75 mm	100 mm
Square metres covered by 1 cubic metre	20	13.3	10

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TECHNICAL SPECIFICATION

Main Constituent	Origin	Nominal particle size range	Typical Bulk Density Range	Dry Matter	Organic Matter	pH	Cation Exchange Capacity
Conifer bark, composted plant residues and added nutrients	British	1 - 10 mm	420 - 470 kg/m3	50 %	80 %	6.5 - 7.5	Medium

Nitrogen (N)	Phosphorus (P)	Potassium (K)	Magnesium (Mg)	Electrical conductivity	Trace Elements
Medium	Medium	High	Medium	900 µS/cm	Medium

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. Product tested in accordance with methods listed in the relevant British Standards for Soil Improvers and Growing Media