



Melcourt Soil Ameliorants, Composts and Topsoil Product Specification Guide

	Soil Ameliorants			Composts		Topsoil
	<u>Melcourt Composted Fine Bark™</u>	<u>Melcourt Humus 2000™</u>	<u>Melcourt Spent Mushroom Compost™</u>	<u>Melcourt Topgrow™</u>	<u>Melcourt All-Purpose Compost™</u>	<u>Melcourt Topsoil™</u>
1. Main constituents	Conifer Bark	Composted Plant Residue	Composted Straw & Agricultural Manure	Conifer bark, composted plant residues and added nutrients	Conifer bark, composted plant residues and added nutrients	Soil
2. Origin	British	British	British	British	British	British
3. Nominal particle size range	1 - 10 mm	1 - 25 mm	1 - 50 mm	1 - 10 mm	0 - 10 mm	1 - 10 mm
4. Dry Matter	55%	50%	35%	50%	48%	60%
5. Organic Matter	85%	30 - 50%	80%	80%	75%	4 - 9%
6. pH	4.5 - 5.5	7.5 - 8.5	7.5 - 8.5	6.5 - 7.5	6.5 - 7.5	7.0 - 8.2
7. Typical Bulk Density Range (kg/m³)	390 - 440	450 - 510	540 - 590	420 - 470	400 - 450	800 - 1100
8. Cation exchange capacity	Low	Medium	Medium	Medium	Medium	High
9. Nitrogen (N)	Low	Low	Low	Medium	Medium	Medium
10. Phosphorus (P)	Low	Low	Low	Medium	Medium	Medium - High
11. Potassium (K)	Medium	Medium	Medium	High	High	Medium - High
12. Magnesium (Mg)	Low	Low	Low	Medium	Medium	High
13. Electrical conductivity (µS/cm)	150	700	1200	900	700	500 - 1000
14. Trace elements	Low	Medium	Medium	Medium	Medium	Medium - High
15. Peat content	0%	0%	< 2%	0%	0%	0%
16. Minimum incorporation depth	150 mm	150 mm	150 mm	1:4	N/A	N/A
17. FSC Certified	Yes	No	No	No	No	No

Contact

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Note:

All values given in the Product 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

The typical values above for bulk density, dry matter, organic matter and pH have been tested in accordance with the methods as set out in the following British Standards

- BS EN 12580**, Soil improvers and growing media - Determination of a quantity
- BS EN 13037**, Soil improvers and growing media - Determination of pH
- BS EN 13038**, Soil improvers and growing media - Determination of electrical conductivity
- BS EN 13039**, Soil improvers and growing media - Determination of organic matter content and ash
- BS EN 13040**, Soil improvers and growing media - Sample preparation for chemical and physical tests, determination of dry matter content, moisture content and laboratory compacted bulk density
- BS EN 13650**, Soil improvers and growing media - Extraction of aqua regia soluble elements
- BS EN 13652**, Soil improvers and growing media - Extraction of water soluble nutrients and elements



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