

## Melcourt Soil Ameliorants, Composts and Topsoil Product Specification Guide

### Soil Ameliorants

### Compost

### 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™ Blended Loam</u>
<b>1. Main constituents</b>	Mixed-conifer Bark	Composted Plant Residue	Composted Straw & Agricultural Manure	Conifer bark and composted plant residues	Conifer bark, coir composted plant residues and added nutrients	Soil
<b>2. Origin</b>	British	British	British	British	British	British
<b>3. Nominal particle size range</b>	0 - 10 mm	0 - 25 mm	0 - 50 mm	0 - 10 mm	0 - 10 mm	0 - 10 mm
<b>4. Dry Matter</b>	55%	50%	35%	50%	48%	60%
<b>5. Organic Matter</b>	85%	30 - 50%	80%	80%	75%	4 - 9%
<b>6. pH</b>	4.5 - 5.5	7.5 - 8.5	7.5 - 8.5	6.5 - 7.5	6.5 - 7.5	7.0 - 8.2
<b>7. Typical Bulk Density Range (kg/m3)</b>	390 - 440	450 - 510	540 - 590	420 - 470	400 - 450	900 - 1200
<b>8. Cation exchange capacity</b>	Low	Medium	Medium	Medium	Medium	High
<b>9. Nitrogen (N)</b>	Low	Low	Low	Medium	Medium	Medium
<b>10. Phosphorus (P)</b>	Low	Low	Low	Medium	Medium	Medium - High
<b>11. Potassium (K)</b>	Medium	Medium	Medium	High	High	Medium - High
<b>12. Magnesium (Mg)</b>	Low	Low	Low	Medium	Medium	High
<b>13. Electrical conductivity (µS/cm)</b>	150	700	1200	900	700	1400
<b>14. Trace elements</b>	Low	Medium	Medium	Medium	Medium	Medium - High
<b>15. Peat content</b>	0%	0%	< 2%	0%	0%	0%
<b>16. Minimum incorporation depth</b>	150 mm	150 mm	150 mm	1:4	N/A	N/A
<b>17. FSC Certified</b>	Yes	No	No	No	No	No



see notes overleaf

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### Notes:

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

FSC Certified: These products are from FSC MIX Sources at a minimum of 50%, FSC certificate number CU-COC-806457.