

Material: TS7 Ericaceous Topsoil
Source: Bourne Amenity Ltd
Date Tested: 27/07/2017
Tested Against: BS3882:2015 Acidic Grade
Tested By: In House

Parameter	Unit	BS3882:2015 Acidic Range	Result	Compliance
Texture:				
Clay (<0.002mm)	% w/w	5 - 30%	1	No
Silt (0.002 - 0.63mm)	% w/w	0 - 65%	1	No
Sand (0.05 - 2.0mm)	% w/w	20 - 90%	98	No
Textual Class:				
Sand				
Stones (2 - 20mm)	% w/w DW	0 - 30%	1	Yes
Stones (20-50mm)	% w/w DW	0 - 10%	0	Yes
Stones (>50mm)	% w/w DW	0%	0	Yes
Sand Fraction (USGA Sieve Sizes):				
Very Fine Sand (0.05 - 0.15mm)	% w/w	n/a	5	--
Fine Sand (0.15 - 0.25mm)	% w/w	n/a	29	--
Medium Sand (0.25 - 0.50mm)	% w/w	n/a	43	--
Coarse Sand (0.50 - 1.0mm)	% w/w	n/a	18	--
Very Coarse Sand (1.0 - 2.0mm)	% w/w	n/a	3	--
Organic Matter (LOI)	% w/w	3.0 - 8.0	6.6	Yes
Ph		3.5 - 5.5	6.2	No
Exchangeable Sodium Percentage	%	< 15%	1.5	Yes
Phytotoxic Contaminants:				
Total Zinc	mg/kg	< 300	8	Yes
Total Copper	mg/kg	< 200	8	Yes
Total Nickel	mg/kg	< 180	2	Yes
Available Nutrients:				
Nitrogen	mg/l	≥ 0.15	0.12	No
Phosphorus	mg/l	16 -140	102	Yes
Potassium	mg/l	121 - 1500	25	No
Magnesium	mg/l	51 - 600	41	No
Carbon:Nitrogen Ratio	:1	< 20:1	32	No
Calcium Carbonate	% m/m	n/a	<1.0	--
Additional Analysis:				
Electrical Conductivity (1:2.5 water extract)	µS/cm	<1500	303	Yes
Electrical Conductivity (1:2 CaSO4 extract)	µS/cm	<3300	2189	Yes
Visible Contaminants:				
Plastics (>2.0mm)	% w/w	< 0.5	0.0	Yes
Sharps (>2.0mm)	% w/w	< 0.25	0.0	Yes

Bourne Amenity, The Wharf, Rye Road, Newenden, Kent TN18 5QG

01797 252299 • enquiries@bourneamenity.co.uk

www.bourneamenity.co.uk

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