



The Premium Garden Mix is a superior growing media- designed to support a range of plant species from exotics to most Australian Natives. It supports young plants and has the substance to remain an excellent mix long term. The Premium Garden Mix has a structure that supports stable volume and good organic content to encourage a healthy microbial ecosystem.

Laboratory analysis has been compared to Leake and Haege (2014) Specification D3: Display Bed Soil for Landscaping and Garden Use. Organic Soil Analysis shows a high-quality feature for bed planting of grasses, woody and herbaceous annuals and perennials that have a high nutrient requirement for sustained optimum growth, and not subject to compaction by pedestrian or other traffic. We also test Bulk Density and Environmental Compliance as special requests as they are not included in the general standard testing suite.

November 2024

Physical Properties		Units	Target Range	Results
Texture, preferred range		N/A	Sandy loam - clay loam	<b>Gravel</b>
Organic Matter		% w/w	3 – 6	<b>7.4</b>
Organic Matter (Organic Soil Variant)		% w/w	15 – 25	<b>7.4</b>
Permeability (@16 Drops)		mm/hr	>50	<b>363</b>
Wettability		mm/hr	>5	16
Dispersibility in water		Category	1 or 2	2
Large	2 - 20 mm	% w/w	<20	16.8
Particle	> 20 mm	% w/w	<10	Nil
Visible contaminants > 2 mm (glass, plastic, metal)		% w/w	<0.5	<0.01
Chemical Property		Units	Target Range	Results
pH in water (1:5) standard range		pH Units	5.4-6.8	5.8
Electrical conductivity (1:5)		dS/m	< 0.5	0.8
Phosphorus – acid soils method 18F1	P-tolerant/standard plants	Mg/kg	50-100	23.6
	P-sensitive plants	Mg/kg	< 30	23.6
Exchangeable sodium (Na)		% of CEC	< 7	<b>8.4</b>
Exchangeable potassium (K)		% of CEC	5 - 10	9.4
Exchangeable calcium (Ca) method 18F1		% of CEC	60 – 80	<b>44</b>
Exchangeable magnesium (Mg)		% of CEC	15 – 25	17
Exchangeable aluminium (Al)		% of CEC	< 2	0.1
Exchangeable Ca:Mg ratio		Ratio	3 – 9	<b>2.6</b>
Available iron (Fe)		mg/kg	100 – 400	<b>75.8</b>
Available manganese (Mn)		mg/kg	25 – 100	<b>14.4</b>
Available zinc (Zn)		mg/kg	5 – 30	<b>2.2</b>
Available copper (Cu)		mg/kg	1 – 15	0.7
Available boron (B)		mg/kg	0.5 – 5	1.0
Available N (N as nitrate)		mg/kg	>30	<b>13.1</b>
Additional Testing		Units	Target Range	Result
Saturated Bulk Density		Kg/L	No Requirement	1.39
Dry Bulk Density		Kg/L	No Requirement	0.72
Asbestos		Detection	No Detection	No Detection



Scapeworks Premium Garden Mix tests as Grade A soil for unrestricted use. The Urban Soil Doctor (TUSD) was requested by Scapeworks Australia to conduct in-situ sample collection at Scapeworks Australia's yard, also oversees, analyses and reports on products collected. Chantal Milner, CPSS Principal Soil Scientist  
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