

GARDEN MIX - INFORMATION

Goodsell Earthmoving 'Garden Mix' is designed for general purpose garden bed planting for grasses, woody and herbaceous annuals and perennials. This soil has a sandy loam texture with excellent wettability therefore has good waterholding potential. pH is neutral and has desirably low salinity levels. Due to the low phosphorus levels it can be used for tolerant natives or exotics with the addition of phosphate. This material meets the properties required for a Garden Mix material as per the AS4419: 2003 Soil for Landscaping and Garden Use – Natural Soil or Soil Blend Analysis.

- Designed to meet AS4419 standard (Analysed by SESL Australia. Ref:36824-2)
- Ideal texture: sandy loam
- pH 7.2 neutral range
- Low salinity levels (0.3 dS/m)
- Phosphorus content suitable for phosphorus sensitive species (however not very sensitive) or exotic species with the addition of phosphate.
- Permeability is satisfactory
- Grade A Unrestricted Use (Falls below the contamination thresholds as per EPA NSW (1997).



Table 1. AS4419 Analysis.

Sample Name	Unit	Turf Mix
Bulk Density	kg/L	1.10
Organic Matter	% dry wt	2.9
Wettability	Mm/min	180
pH (in H2O)	pH units	7.16
Electrical Conductivity	dS/m	0.3
Phosphorus (Olsen)	mg/kg	11
Dispersibility (H2O)	Category	3
Dispersibility (CaCl2)	Category	1
NDI	-	0.51
Toxicity	mm	119
Permeability	cm/hr	2.6
Texture	Class	Sandy Loam
Soil Clay Content	% by mass	10 - 20%
Large Particles <10mm	% by mass	78.70
Large Particles 10 - 20mm	% by mass	8.28
Large Particles 20 - 50mm	% by mass	13.02