

# No. 1 Seed and Sowing

peat-free alternative to John Innes



## Product Overview

### Ingredients

Specially processed green compost meeting UK ABPR (UK Hygiene Regulations) and PAS100:2007 plus Forestry Stewardship Council standards

Includes soil for enhanced nutrient buffering and stability

Clean recycled brick fines for enhanced watering and handling

### Recommended Uses

For sowing seeds, rooting cuttings and pricking out

### Key Benefits

Fine texture for even growth

Balanced nutrients specially formulated for strong germination

### Advice:

As with all gardening activities, wash hands after handling. We recommend gloves are worn at all times

### Footnotes:

<sup>1</sup> This should not be compared with the pH of peat products (the optimal pH of peat products is much lower than for soil and composted materials).

<sup>2</sup> CAT = aqueous solution of calcium chloride + DTPA (chelating agent) - an extractant originally developed for soils and now specified in UK and European standards for composted materials (eg PAS100) because it is more appropriate for most nutrients than the water-extraction method originally developed for peat products only.

For more information on all our services and products, please call 01335 300355, email [info@vitalearth.tv](mailto:info@vitalearth.tv) or visit our website [www.thegreengardener.com](http://www.thegreengardener.com)

### Purchase Options & Application Rates

Size:	25 & 10 litres
Weight:	15 & 6 kg
Application Rates:	N/A for growing media

### Properties: typical values

Particle size range	mm	
Bulk Density	g/l	600
Moisture Content	%m/m	
	g/l	
Dry Matter	%m/m	
Organic matter	%m/m	
Carbon: Nitrogen Ratio		
pH <sup>1</sup>		6.0
Electrical Conductivity	µS/cm	600
	mS/m	60
Physical Contaminants	Meets PAS100:2007	
Potentially toxic elements including heavy metals	Meets PAS100:2007	

### Nutrients

As received (fresh basis)	Total mg/l	CAT <sup>2</sup> soluble mg/l	Water soluble mg/l	% Water/ Total
Nitrogen (N)		NA	150	
Phosphorus (P)		80		
Potassium (K)		900		
Calcium (Ca)		NA	120	
Magnesium (Mg)		200		
Sulphur (S)		40		
Iron (Fe)		80		