

# Multipurpose Compost



## Product Overview

### Ingredients

Graded, matured green compost  
 Fine processed conifer bark  
 Food-grade organic nitrogen source

### Purchase Options & Application Rates

Size:	60, 25 & 10 litres
Weight:	27.0, 11.3 % 4.5 kg
Application Rates:	N/A for growing media

### Properties: typical values

Particle size range	mm	8 - 0
Bulk Density	g/l	450
Moisture Content	%m/m	40
	g/l	180
Dry Matter	%m/m	270
Organic matter	%m/m	62% of dry matter
Carbon: Nitrogen Ratio		23:1
pH <sup>1</sup>		7.0
Electrical Conductivity	µS/cm	750
	mS/m	75
Physical Contaminants	Meets PAS100:2007	
Potentially toxic elements including heavy metals	Meets PAS100:2007	

### Recommended Uses

Sowing medium-to-large seeds  
 Striking cuttings  
 Pricking out  
 Potting & potting on  
 Planting up hanging baskets & other containers  
 Planting out trees, shrubs etc  
 Soil improvement  
**For lime-hating/acid loving plants, use Vital Earth Ericaceous Compost**

### Key Benefits

Fine texture  
 Organic nutrients release slowly to reduce/delay need for feeding  
 Robust healthy growth  
 Maintains clean surface  
 Stays fresh for over 12 months

### Nutrients

As received (fresh basis)	Total mg/l	CAT <sup>2</sup> soluble mg/l	Water soluble mg/l	% Water/ Total
Nitrogen (N)	2600	NA	185	7
Phosphorus (P)	250	90	30	12
Potassium (K)	1250	1050	500	40
Calcium (Ca)	3000	NA	125	4.2
Magnesium (Mg)	500	215	80	16
Sulphur (S)	325	40	30	9
Iron (Fe)	1250	85	10	0.8

### Advice:

As with all gardening activities, wash hands after handling.  
 We recommend gloves are worn at all times  
 Re-seal bag; store cool & dry away from weedkillers etc

### 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.thegreenergardener.com](http://www.thegreenergardener.com)