

# Soil Improver



## Product Overview

### Ingredients

Matured green compost meeting ABPR (UK Hygiene Regulations) and PAS100:2007 (UK Compost Standard)

Natural slow-release nitrogen source

### Recommended Uses

Apply to vegetable plots, beds and borders during soil preparation (normally autumn-early spring. Fork or rake in.

Line bean and pea trenches etc prior to sowing to conserve moisture and nutrients.

### Key Benefits

Vitalizes tired soils: adding long-lasting nutrients, improving soil structure, water-holding and soil life, reducing compaction, enhancing root action and plant health.

### 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:	50 litres	
Weight:	25 kg	
Application Rates:	At least 10 mm layer (= 2 packs per square metre)	
<b>Properties: typical values</b>		
Particle size range	mm	99% < 8.0
Bulk Density	g/l	500
Moisture Content	%m/m	50
Dry Matter	%m/m	50
Organic matter	%m/m	40% of dry matter
Carbon: Nitrogen Ratio		15:01
pH <sup>1</sup>		8
Electrical Conductivity	µS/cm	1300
	mS/m	130
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)	6000	NA	400	6.7
Phosphorus (P)	1000	60	20	2.0
Potassium (K)	5000	1500	1000	20
Calcium (Ca)	12000	NA	110	0.9
Magnesium (Mg)	2000	150	20	1.0
Sulphur (S)	1000	100	100	10
Iron (Fe)	5000	100	4	0.08