

Product Overview

Ingredients

Green compost & other recycled UK sources of organic plants foods (of non-animal origin)

Purchase Options & Application Rates

Weight:

6 kg

Application Rates:

Pots etc up to 150mm

1 - 2mm layer (slow - fast growing)

Pots etc >150mm

2 - 4mm layer (slow - fast growing)

Growing Bag

50g(2oz)/plant when 1st truss set

Repeat after 2 - 3 months

Veg & flowers

140g/sq m (4oz/sq yd)

Trees & shrubs

1 - 6 handfuls/small shrub - 2 metre tree

Properties: typical values

Bulk Density

g/l

650

Moisture Content

%m/m

15

Dry Matter

%m/m

85

Organic matter/Dry Matter

%m/m

70

Carbon: Nitrogen Ratio

6.1

Physical Contaminants

Meets PAS100:2007

Potentially toxic elements including heavy metals

Meets PAS 100:2007

Recommended Uses

Planting & topdressing throughout the garden: vegetables, fruit & salads; flower beds; trees, shrubs & roses, growing bags, pots & other containers
When sowing seeds, apply Vitalizer several days in advance, so the nutrients can disperse.
For best results, use in conjunction with Soil Improver or Organic Garden Compost

Key Benefits

Prolonged release of major nutrients and trace elements sustains plants for several weeks.
Improves soil fertility, water holding and beneficial soil life.
Low odour.
Low carbon footprint.
Clean, easy to use
Compost may contain tiny traces of animal byproducts: otherwise animal-free

Advice:

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

Nutrients

% m/m

	Total	CAT ² soluble	Water soluble	Note
Nitrogen as N	3.0	0.5	0.5	
Phosphate as P ₂ O ₅	3.0 (1.3%P)	0.3	0.2	
Potash as K ₂ O	3.0 (2.5% K)	1.5	1.5	
Calcium as Ca	2.5	N/A	0.01	
Magnesium as Mg	0.6	0.1	0.06	
Sulphur as S	1.6	0.6	0.4	
Iron as Fe	0.3	0.0	0.0	1

Also provides manganese, copper, zinc, boron & other vital trace elements

Footnotes:

NA = not applicable. 1. but slowly available

²'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) & other organic matter because it is more appropriate for most nutrients than the water-extraction method originally developed for peat products only.

CAT soluble = readily available to plants

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