



ORGANIC MATERIALS

AGRONOMICAL FACT SHEET

INTRODUCTION

Through Composting and Anaerobic Digestion activities, we produce a number of Organic products with beneficial uses to Agriculture.

All of the Organic materials have been processed through recognised quality standard to ensure they are consistent and certified for Agronomical uses

We have the capability to produce blended material tailored to specific land requirements.

Organic products are regularly tested to ensure consistency.

Large volumes available.



AGRONOMICAL BENEFITS TO LAND

- Provides slow release major and minor nutrients
- Improves soil structure and workability, improving rooting potential
- Increase moisture retention
- Good source of organic matter and improves soil organic content
- Eligible for organic systems

Product	Type
Compost	Solid
AD Fibre	Solid
Paper Crumb	Solid
AD Digestate	Liquid

MAJOR NUTRIENTS & NUTRIENT VALUE

Product	Nitrogen	Phosphorous	Potassium	Sulphur	Magnesium
PAS100 Compost	53kg	28kg	67kg	32kg	
AD Fibre	330kg	75kg	348kg	94kg	86kg
Paper Crumb	109kg	33kg	25kg	74kg	30kg
AD liquid digestate	40kg	35kg	117kg	12kg	

Product	Nitrogen	Phosphorous	Potassium	Sulphur	Magnesium	Total benefit
PAS 100 Compost	£43.04	£14.77	£27.10	£9.21		£94.12
AD Fibre	£267	£39	£139	£26		£471
Paper Crumb	£88	£29	£10	£20	£8	£155
AD liquid digestate	£32.14	£30.21	£46.98	£3.33		£112.66



Based on application rate of 30t/ha

Spreading cost compost
£2.50 per tonne = £75 for 30t/ha

Spreading cost of fertiliser [NPK] @ £4 per acre =
£10.16 per HA



PAS100 COMPOST

AGRONOMICAL BENEFIT



INTRODUCTION

PAS 100 green waste compost is an agricultural soil improver produced from garden waste collected by local Authorities.

The green waste is shredded to reduce particle size and placed in temperature and moisture content controlled Windrows for a period of 8-10 weeks. After the period of composting testing is undertaken against the PAS100 specification

FACTS qualified advisors

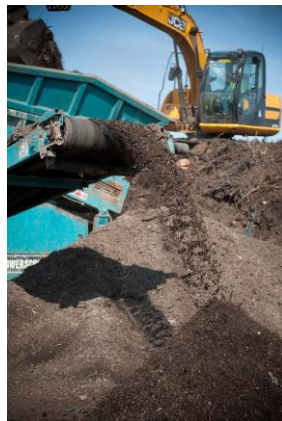
We produce a sub 20mm compost grade and 40mm agricultural grade



BENEFITS TO LAND

- Provides slow release minor and major nutrients
- Improves soil structure and workability improving rooting potential which increases moisture retention
- Good source of organic matter and improves soil organic content eligible for organic systems
- High percentage of NPK and Organic nutrient
- Maintain soil P and K Indices

Product	Type
PAS100 Compost	Solid

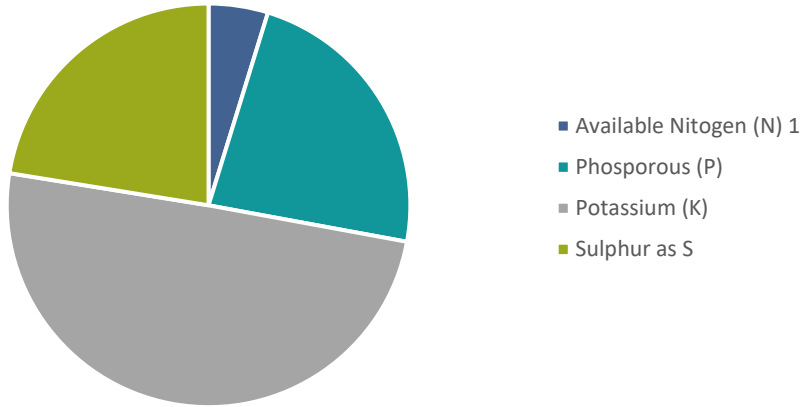




MAJOR NUTRIENTS & NUTRIENT VALUE

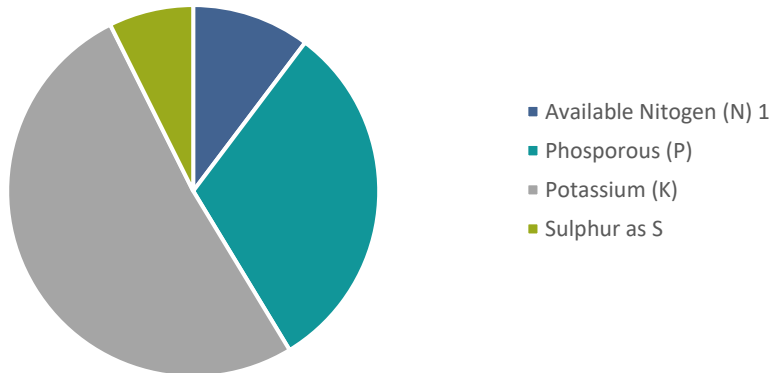
Product	Total Nitrogen	Crop Available Nitrogen	Phosphorous	Potassium	Sulphur	Magnesium
PAS100 Compost	141kg	7kg	34kg	73kg	33kg	47kg

Major nutrients at application rate 30t/ha



Product	Total Nitrogen	Crop Available Nitrogen	Phosphorous	Potassium	Sulphur	Magnesium	Total benefit
PAS 100 Compost		£13.06	£39.44	£65.18	£9.36	£13.11	£140

Value £ at 30t/ha application



Based on application rate of 30t/ha and Inorganic Fertiliser prices Jan 2022
 Spreading cost compost £2.50 per tonne = £75 for 30t/ha
 Spreading cost of fertiliser [NPK] @ £4 per acre = £10.16 per HA