

O.R.M Professional Products (Brecon) Ltd
 SLWCH House Fields
 Dorlangoch
 Brecon
 Powys
 LD3 7RH

APPROVED LABORATORY

Gooch Garforth Limited
 Gateway House, Ipswich Road
 Needham Market, Suffolk
 IP6 8EL
 Tel. 01449 721192
 email: goochgarforth@hotmail.com

ANALYSIS REPORT ~ COMPOSTED MATERIAL

Customer information

Composting site
 Grade (particle size range)
 Grade type Bulk Bagged Wormcast
 CA's code
 Date sampled
 Batch age when sampled
 Producer's sample code Vermillic 2007

Laboratory information

Received at lab 2007
 Lab sample number 57410
 Lab batch number 5581
 Lab report code GGL 5581#2
 Report by S. Johnson
 Report date & time 2007
 Report number GGL 5581#2

TOTAL NUTRIENTS¹

Parameter	As received (fresh)		In dry matter		Method Reference	Plant significance
	Result	Units	Result	Units		
Nitrogen as N	3870	mg/l	18050	mg/kg	Kjeldahl, BS EN 13654-1	Primary nutrients
	0.64	% m/m	1.81	% m/m		
	ND	mg/l	ND	mg/kg	Dumas, BS EN 13654-2 ²	
	ND	% m/m	ND	% m/m		
Phosphorus as P	911	mg/l	4250	mg/kg	BS EN 13650	
	0.15	% m/m	0.43	% m/m	BS EN 13650	
Potassium as K	450	mg/l	2100	mg/kg	BS EN 13650	
	0.07	% m/m	0.21	% m/m	BS EN 13650	
Calcium as Ca	5425	mg/l	25300	mg/kg	BS EN 13650	Secondary nutrients
Magnesium as Mg	519	mg/l	2420	mg/kg	BS EN 13650	
Sulphur as S	785	mg/l	3660	mg/kg	BS EN 13650	
Boron as B	5	mg/l	25	mg/kg	BS EN 13650	Trace nutrients
Copper as Cu	21	mg/l	100	mg/kg	BS EN 13650	
Iron as Fe	1887	mg/l	8800	mg/kg	BS EN 13650	
Manganese as Mn	157	mg/l	730	mg/kg	BS EN 13650	
Molybdenum as Mo	0.2	mg/l	1	mg/kg	BS EN 13650	
Zinc as Zn	58	mg/l	270	mg/kg	BS EN 13650	
Sodium as Na	34	mg/l	160	mg/kg	BS EN 13650	

1 This method uses a hydrochloric- and nitric-acid extractant ("aqua regia") and approximates "total" rather than "bioavailable" concentrations of the above elements.

2 Unsuitable for materials containing free ammonia because this may be lost when samples are flushed with oxygen during the procedure, e.g. if compost sample contains > 500 mg/l ammonium.

3 Together with chloride, influences nutrient uptake by plants and can inhibit this at high concentrations.

Fertiliser expression of results:

Totals expressed as % m/m of sample as received.

Note - For comparison only (not a fertiliser declaration of analysis)

Total N	0.64	% m/m
Total P ₂ O ₅	0.34	% m/m
Total K ₂ O	0.08	% m/m
Total MgO	0.14	% m/m