

Compost Detail



Report prepared for:
Plateau Bark and Compost Ltd
John Fell
5 Seaview Lane
Whakatane, Bay of Plenty 3120

For interpretation of this report, please
contact your local Soil Steward or the lab.

Report Sent: 13/05/2024
Sample #: 05-9415
Unique ID: 50/50Greenwaste/
vermicast
Plant: N/A
Season: N/A
Invoice Number: 646
Sample Received: 07/05/2024

Soil Foodweb NZ
107 Argelins Road
Hanmer Springs, North Canterbury 7334
02108214323
info@soilfoodweb.co.nz
http://www.soilfoodweb.co.nz

Assay Name	Result	Units	Range	Commentary
Organism Biomass Data				
Dry Weights	0.59	N/A	0.2 to 0.8	Within normal moisture levels.
Active Fungi	5.46	µg/g	> 3	Fungal activity within normal levels.
Total Fungi	302.09	µg/g	> 300	Good fungal biomass. This biomass will continue to lift with time due to good fungal activity. - Adequate fungal diversity.
Hyphal Diameter	3.00	µm	> 2.5	
Active Bacteria	34.71	µg/g	> 3	Bacterial activity within normal levels.
Total Bacteria	772.09	µg/g	> 300	Good bacterial biomass. Indicates bacterial diversity.
Actinobacteria	0.00	µg/g	< 20	
Organism Biomass Ratios				
TF:TB	0.39		0.01 to 10	Bacterial dominated compost but fungal component at good levels.
AF:TF	0.02		< 0.1	Fungal component mature ie less than 10%
AB:TB	0.04		< 0.1	Bacterial component mature ie less than 10%
AF:AB	0.16		0.01 to 10	Bacterial dominated, becoming more bacterial.
Protozoa (Protists)				
Flagellates	777550.99	#/g	> 10000	Lacking species diversity. Flagellates at excellent levels. Amoebae at low levels but Nutrients are being recycled at excellent levels
Amoebae	467.61	#/g	> 10000	
Ciliates	97.91	#/g	< 7780	
Nitrogen Cycling Potential	336+	kg/ha		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period.
Nematodes				
Nematodes	Not Ordered	#/g	> 10	
Bacterial		#/g		
Fungal		#/g		
Fungal/Root		#/g		
Predatory		#/g		
Root		#/g		
Miscellaneous Testing				
Organic Matter	Not Ordered			
Notes				

1/5/24 sample