

Compost Detail



Report prepared for:
 Easyearth
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For interpretation of this report, please
 contact your local Soil Steward or the lab.

Report Sent: 08/02/2022
 Sample # 05-8449
 Unique ID: EE5
 Plant: N/A
 Season: N/A
 Invoice Number: 141
 Sample Received: 28/01/2022

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Assay Name	Result	Units	Range	Commentary
Organism Biomass Data				
Dry Weights	0.42	N/A	0.2 to 0.8	Within normal moisture levels.
Active Fungi	11.54	µ/g	> 3	Fungal activity within normal levels for compost. A good result.
Total Fungi	1195.23	µ/g	> 300	Very good total fungal biomass. - Fungal diversity appears at good levels with large healthy looking hyphal formations evident. Spores noted but not able to be identified.
Hyphal Diameter	2.50	µm	> 2.5	
Active Bacteria	6.10	µ/g	> 3	Bacterial activity within normal levels for compost.
Total Bacteria	710.60	µ/g	> 300	Good bacterial biomass. Indicates bacterial diversity.
Actinobacteria	0.00	µ/g	< 20	
Organism Biomass Ratios				
TF:TB	1.68		0.01 to 10	Balanced fungal and bacterial biomass. A suitable inoculum for crops, pasture and tree crops.
AF:TF	0.01		< 0.1	Fungal component mature ie less than 10%
AB:TB	0.01		< 0.1	Bacterial component mature ie less than 10%
AF:AB	1.89		0.01 to 10	Fungal dominated, becoming more fungal with time.
Protozoa (Protists)				
Flagellates	Not Ordered	#/g	> 10000	
Amoebae	Not Ordered	#/g	> 10000	
Ciliates	Not Ordered	#/g	< NaN	
Nitrogen Cycling Potential	Not Ordered	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				
E.coli	Not Ordered	CFU/g	< 800	
pH	Not Ordered			
Electrical Conductivity	Not Ordered	µs/cm	< 1000	
Organic Matter	Not Ordered			
Notes				

Thermal compost. 1 year + Starting materials; Arborist mulch, dairy factory excess, residential & business food scraps. Temp reached; High 60's for many months, now ambient. Turned in windows every week. Been under cover for 6 months unturned. Earthy smell, mild.