

Compost Detail

Report prepared for:
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Report Sent: 14 Mar 2017
Sample #: 05-6104
Unique ID: Row 118-140
Invoice Number: 5616
Sample Recieved: 06 Mar 2017



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

Assay Name	Result	Units	Desired Level	Commentary
Dry Weight	0.32	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	165.39	µg/g	> 3.00	Fungal activity is high suggesting fungal food stocks in compost still being processed. However some of these were possibly active actino bacteria. -
Total Fungi	532.10	µg/g	> 300.00	Excellent fungal biomass. -
Hyphal Diameter	2.50	µm	> 2.50	Most of the fungi consisted of good diversity with healthy looking hyphal formations. -
Active Bacteria	129.07	µg/g	> 3.00	Bacterial activity is high suggesting bacterial food stocks in compost still being processed.
Total Bacteria	613.59	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	0.00	µg/g	< 20.00	
TF/TB	0.87		0.01 to 10.00	This ratio is only slightly on the bacterial side and could be applied to a fairly diverse range of crops once activity has dropped to 10%
AF/TF	0.31		< 0.10	Not mature. Wait to apply this material until activity drops below 0.10. ie 10%
AB/TB	0.21		< 0.10	Not mature. Wait to apply this material until activity drops below 0.10. ie 10%
AF/AB	1.28		0.01 to 10.00	This product has more or less balanced fungal and bacterial biomass but appears to be becoming more fungal with time.
Flagellates	Not Ordered	MPN/g	> 10,000.00	
Amoebae	Not Ordered	MPN/g	> 10,000.00	
Ciliates	Not Ordered	MPN/g	< (F+A) * 0.01	
Nitrogen Cycling Potential	Not Ordered	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
Nematodes	Not Ordered	number/g	> 10.00	
Bacterial	Not Ordered	number/g		
Fungal	Not Ordered	number/g		
Fungal/Root	Not Ordered	number/g		
Predatory	Not Ordered	number/g		
Root	Not Ordered	number/g		
E.coli	Not Ordered	CFU/g	< 800.00	For most areas, the maximum E.coli CFU/g is 800 - 1000. Please check your local regulations for more information. -
pH	Not Ordered			
Organic Matter	Not Ordered			
Electrical Conductivity	Not Ordered	µS/cm	< 1000.00	

Compost Notes:

10-17 months old, ingredients: paunch, sawdust, cow hair, DAF sludge. Temperature - 55oC for average 60% of the time. no water added, Turned 5-13 times.