

Compost Detail

Report prepared for:
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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
Organism Biomass Data				
Dry Weight	0.45	N/A	0.20 to 0.80	Within normal moisture levels for compost.
Active Fungi	2.48	µg/g	> 3.00	Fungal activity extremely low. May have run out of readily available foods during maturing phase. -
Total Fungi	666.24	µg/g	> 300.00	Good fungal biomass. Indications are that fungal expansion has been good in the past. -
Hyphal Diameter	3.00	µm	> 2.50	Fairly good fungal diversity evident. Groups look strong and healthy. -
Active Bacteria	65.23	µg/g	> 3.00	Bacterial activity at excellent levels.
Total Bacteria	698.13	µg/g	> 300.00	Reasonable total bacterial biomass -
Actinobacteria	0.00	µg/g	< 20.00	
Organism Biomass Ratios				
TF:TB	0.95		0.01 to 10.00	Balanced fungal and bacterial biomass. Good for most applications.
AF:TF	0.00		< 0.10	Overall percentage of active fungal biomass is too low to register on this report.
AB:TB	0.09		< 0.10	Good bacterial activity.
AF:AB	0.04		0.01 to 10.00	Balanced fungal and bacterial biomass. Slowly becoming bacterial over time.
Protozoa (Protists)				
Flagellates	10,264.48	number/g	> 10,000.00	Protozoa levels and diversity low.
Amoebae	6,179.63	number/g	> 10,000.00	
Ciliates	0.00	number/g	< 164.00	
Nitrogen Cycling Potential	50-75	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
Nematodes				
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		
Miscellaneous Testing				
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: