COMPOST BIOLOGY REPORT

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

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Sample #: 05-7340
Unique ID: Johnson Su Bottom
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Assay Name	Result	Units	Desired Level	Commentary
Organism Biomass Data				
Dry Weight	0.21	N/A	0.20 to 0.80	Within normal moisture levels for compost but probably be a good idea to cover before it gets this wet.
Active Fungi	33.72	µg/g	> 3.00	Fungal activity within normal levels. Should provide a good inoculum in compost tea. - Many spores visible - possibly fungi or maybe yeasts.
Total Fungi	3,575.72	µg/g	> 300.00	Good fungal biomass. Excellent! - Great diversity!! Large healthy groups of fungi.
Active Bacteria	115.40	µg/g	> 3.00	Very high bacterial activity - good inoculum of bacteria.
Total Bacteria	1,196.80	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	0.00	µg/g	< 20.00	
Organism Biomass Ratios				
TF:TB	2.99		0.01 to 10.00	A fungal dominated compost suitable for tree and vine production. A good, all-round inoculum for compost tea.
AF:TF	0.01		< 0.10	Fungal component mature ie less than 10%
AB:TB	0.10		< 0.10	Bacterial component mature ie less than 10%
AF:AB	0.29		0.01 to 10.00	Fungal dominated, becoming more bacterial as time passes.
Protozoa (Protists)				
Flagellates	223,181.25	number/g	> 10,000.00	Excellent inoculum for protozoa - high numbers of organisms should consume any anaerobic compounds before they become a problem.
Amoebae	134,344.84	number/g	> 10,000.00	
Ciliates	**6,715.79**	number/g	< 3575.00	
Nitrogen Cycling Potential	336+	kg/ha		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:
Static compost, Watered by rain. Compost still woody but been in system for 12 months