

Compost Detail



Report prepared for:
Earth Brew for Life
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Postville, IA 52162

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

Report Sent: 12/14/2021
Sample # 03-13006
Unique ID: Compost
Plant: N/A
Season: N/A
Invoice Number: 5038
Sample Received: 11/29/2021

SOIL FOODWEB NEW YORK
17 Clinton St.
Center Moriches, NY 11934
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Assay Name	Result	Units	Range	Commentary
Organism Biomass Data				
Dry Weights	0.43	N/A	0.2 to 0.8	Within normal moisture levels.
Active Fungi	350.58	µ/g	> 3	Fungal activity within normal levels.
Total Fungi	5349.29	µ/g	> 300	Good fungal biomass.
Hyphal Diameter	4.00	µm	> 2.5	Disease suppressive fungi likely present.
Active Bacteria	69.85	µ/g	> 3	Bacterial activity within normal levels.
Total Bacteria	2356.20	µ/g	> 300	Good bacterial biomass.
Actinobacteria	0.00	µ/g	< 20	
Organism Biomass Ratios				
TF:TB	2.27		0.01 to 10	Balanced fungal and bacterial biomass.
AF:TF	0.07		< 0.1	Good fungal activity.
AB:TB	0.03		< 0.1	Good bacterial activity.
AF:AB	5.02		0.01 to 10	Fungal dominated, becoming more fungal.
Protozoa (Protists)				
Flagellates	134028.18	#/g	> 10000	Should provide a good inoculum of protozoa.
Amoebae	322933.92	#/g	> 10000	
Ciliates	1339.44	#/g	< 4570	
Nitrogen Cycling Potential	300+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period.
Nematodes				
Nematodes	12.53	#/g	> 10	Default Comment Override
Bacterial	12.02	#/g		
Fungal	0.00	#/g		
Fungal/Root	0.51	#/g		
Predatory	0.00	#/g		
Root	0.00	#/g		
Miscellaneous Testing				
E.coli	Not Ordered	CFU/g	< 800	
pH	Not Ordered			
Electrical Conductivity	Not Ordered	µs/cm	< 3500	
Organic Matter	Not Ordered			

Notes

Excellent bacterial and fungal biomass. Protozoan population are extremely high resulting in excellent cycling of nutrients.