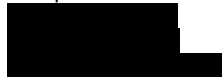


Compost Detail



Report prepared for:
Compost Tea Time



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

Report Sent: 11/05/2021
Sample # 03-12970
Unique ID: Compost
Plant: N/A
Season: N/A
Invoice Number: 5025
Sample Received: 10/15/2021

SOIL FOODWEB NEW YORK
17 Clinton St.
Center Moriches, NY 11934
631-750-1553
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<http://soilfoodwebnewyork.com>

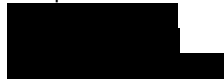
Assay Name	Result	Units	Range	Commentary
Organism Biomass Data				
Dry Weights	0.51	N/A	0.2 to 0.8	Within normal moisture levels.
Active Fungi	58.05	µ/g	> 3	Fungal activity within normal levels.
Total Fungi	402.56	µ/g	> 300	Good fungal biomass.
Hyphal Diameter	3.25	µm	> 2.5	Disease suppressive fungi likely present.
Active Bacteria	45.51	µ/g	> 3	Bacterial activity within normal levels.
Total Bacteria	1031.80	µ/g	> 300	Good bacterial biomass.
Actinobacteria	0.00	µ/g	< 20	
Organism Biomass Ratios				
TF:TB	0.39		0.01 to 10	Balanced fungal and bacterial biomass.
AF:TF	0.14		< 0.1	Not mature. Wait to apply this material until activity drops below 0.10.
AB:TB	0.04		< 0.1	Good bacterial activity.
AF:AB	1.28		0.01 to 10	Bacterial dominated, becoming more fungal.
Protozoa (Protists)				
Flagellates	90152.39	#/g	> 10000	Should provide a good inoculum of protozoa.
Amoebae	112614.15	#/g	> 10000	
Ciliates	542.17	#/g	< 2028	
Nitrogen Cycling Potential	250+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period.
Nematodes				
Nematodes	24.74	#/g	> 10	Good numbers, but lacking diversity.
Bacterial	21.03	#/g		
Fungal	0.00	#/g		
Fungal/Root	3.71	#/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				

Very good fungal and bacterial biomass. Excellent protozoan populations and nematode numbers. Nutrient cycling is excellent. A better diversity of nematodes would be beneficial.

Nematode Detail



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Nematode Genus	Result	Units	Group	Common Name
Bacterial Feeders				
Acrobeloides	1.65	number/g	Bacterial Feeders	
Cephalobus	2.47	number/g	Bacterial Feeders	
Cuticularia	6.19	number/g	Bacterial Feeders	
Plectus	3.30	number/g	Bacterial Feeders	
Rhabditidae	7.42	number/g	Bacterial Feeders	
Fungal Feeders				
Fungal/Root Feeders				
Filenchus	3.71	number/g	Fungal/Root Feeders	
Predatory				
Root Feeders				