

Compost Detail



Report prepared for:
Black Earth Compost
David Stephenson
2 Hillside Rd.
Gloucester, MA 01930

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

Report Sent: 01/03/2022
Sample # 03-13002
Unique ID: Manch
Plant: N/A
Season: N/A
Invoice Number: 5036
Sample Received: 11/18/2021

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

Assay Name	Result	Units	Range	Commentary
Organism Biomass Data				
Dry Weights	0.50	N/A	0.2 to 0.8	Within normal moisture levels.
Active Fungi	93.50	µ/g	> 3	Fungal activity within normal levels.
Total Fungi	1329.80	µ/g	> 300	Good fungal biomass.
Hyphal Diameter	3.50	µm	> 2.5	Disease suppressive fungi likely present.
Active Bacteria	65.54	µ/g	> 3	Bacterial activity within normal levels.
Total Bacteria	1256.64	µ/g	> 300	Good bacterial biomass.
Actinobacteria	0.00	µ/g	< 20	
Organism Biomass Ratios				
TF:TB	1.06		0.01 to 10	Balanced fungal and bacterial biomass.
AF:TF	0.07		< 0.1	Good fungal activity.
AB:TB	0.05		< 0.1	Good bacterial activity.
AF:AB	1.43		0.01 to 10	Fungal dominated, becoming more fungal.
Protozoa (Protists)				
Flagellates	11550.70	#/g	> 10000	Should provide a good inoculum of protozoa.
Amoebae	55657.76	#/g	> 10000	
Ciliates	56.21	#/g	< 672	
Nitrogen Cycling Potential	100-150	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period.
Nematodes				
Nematodes	1.02	#/g	> 10	Low numbers and diversity.
Bacterial	0.99	#/g		
Fungal	0.00	#/g		
Fungal/Root	0.04	#/g		
Predatory	0.00	#/g		
Root	0.00	#/g		
Miscellaneous Testing				
E.coli	0.00	CFU/g	< 800	For most areas, the maximum E.coli CFU/g is 800 - 1000. Please check your local regulations for more information.
pH	Not Ordered			
Electrical Conductivity	Not Ordered	µs/cm	< 3500	
Organic Matter	Not Ordered			
Notes				

Excellent bacterial and fungal biomass. Protozoan populations are also excellent and providing very good cycling of nutrients. No Ecoli detected.

Nematode Detail



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Nematode Genus	Result	Units	Group	Common Name
Bacterial Feeders				
Diploscapter	0.14	number/g	Bacterial Feeders	
Eucephalobus	0.11	number/g	Bacterial Feeders	
Prismatolaimus	0.11	number/g	Bacterial Feeders	
Rhabditidae	0.64	number/g	Bacterial Feeders	
Fungal Feeders				
Fungal/Root Feeders				
Filenchus	0.04	number/g	Fungal/Root Feeders	
Predatory				
Root Feeders				