

# 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: 07/30/2023  
Sample # 03-13543  
Unique ID: F  
Plant: N/A  
Season: N/A  
Invoice Number: 5194  
Sample Received: 06/06/2023

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
<b>Organism Biomass Data</b>				
Dry Weights	0.49	N/A	0.2 to 0.8	Within normal moisture levels.
Active Fungi	56.65	µg/g	> 3	Fungal activity within normal levels.
Total Fungi	623.46	µg/g	> 300	Good fungal biomass.
Hyphal Diameter	3.50	µm	> 2.5	Disease suppressive fungi likely present.
Active Bacteria	58.51	µg/g	> 3	Bacterial activity within normal levels.
Total Bacteria	1602.86	µg/g	> 300	Good bacterial biomass.
Actinobacteria	0.00	µg/g	< 20	
<b>Organism Biomass Ratios</b>				
TF:TB	0.39		0.01 to 10	Balanced fungal and bacterial biomass.
AF:TF	0.09		< 0.1	Good fungal activity.
AB:TB	0.04		< 0.1	Good bacterial activity.
AF:AB	0.97		0.01 to 10	Bacterial dominated, likely to remain bacterial.
<b>Protozoa (Protists)</b>				
Flagellates	93328.57	#/g	> 10000	Should provide a good inoculum of protozoa.
Amoebae	56179.50	#/g	> 10000	
Ciliates	28.37	#/g	< 1495	
Nitrogen Cycling Potential	200+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period.
<b>Nematodes</b>				
Nematodes	<b>6.02</b>	#/g	> 10	Low numbers and diversity.
Bacterial	5.81	#/g		
Fungal	0.00	#/g		
Fungal/Root	0.21	#/g		
Predatory	0.00	#/g		
Root	0.00	#/g		
<b>Miscellaneous Testing</b>				
E.coli	Not Ordered	CFU/g	< 800	
pH	Not Ordered			
Electrical Conductivity	Not Ordered	µs/cm	< 3500	
Organic Matter	Not Ordered			
<b>Notes</b>				

Type: food scrap; Age: 6 mos; Starting Materials: food waste, leaves, coffee, etc; High Temp: 150 deg; No watering method

# Nematode Detail



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Nematode Group and Genus	Result in #/g	Level	Notes
<b>Total Nematodes</b>	<b>6.02</b>	> 10	Low numbers and diversity.
<b>Bacterial Feeders</b>	5.81		
Butlerius	1.66		
Cuticularia	1.04		
Pelodera	0.83		
Prismatolaimus	0.62		
Rhabditidae	1.66		
<b>Fungal Feeders</b>	0.00		
<b>Fungal/Root Feeders</b>	0.21		
Filenchus	0.21		
<b>Predatory</b>	0.00		
<b>Root Feeders</b>	0.00		