

# Compost Detail

Report prepared for:  
Black Earth Compost  
David Stephenson  
197 School St.  
Manchester, MA 01944 USA

Report Sent:  
Sample #: 03-12770  
Unique ID: BEC-COMPOST  
Invoice Number: 4961  
Sample Received: 19 Mar 2021



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

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

Assay Name	Result	Units	Range	Commentary
<b>Organism Biomass Data</b>				
Dry Weight	0.59	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	49.11	µg/g	> 3.00	Fungal activity within normal levels. -
Total Fungi	984.84	µg/g	> 300.00	Good fungal biomass. -
Hyphal Diameter	3.25	µm	> 2.50	Disease suppressive fungi likely present. -
Active Bacteria	68.27	µg/g	> 3.00	Bacterial activity within normal levels.
Total Bacteria	971.77	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	0.00	µg/g	< 20.00	
<b>Organism Biomass Ratios</b>				
TF:TB	1.01		0.01 to 10.00	Balanced fungal and bacterial biomass.
AF:TF	0.05		< 0.10	Good fungal activity.
AB:TB	0.07		< 0.10	Good bacterial activity.
AF:AB	0.72		0.01 to 10.00	Balanced fungal and bacterial biomass, becoming bacterial.
<b>Protozoa (Protists)</b>				
Flagellates	46,874.56	number/g	> 10,000.00	Lacking species diversity.
Amoebae	<b>7,787.07</b>	number/g	> 10,000.00	
Ciliates	0.00	number/g	< 547.00	
Nitrogen Cycling Potential	100-150	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
<b>Nematodes</b>				
Nematodes	<b>1.88</b>	number/g	> 10.00	Low numbers and diversity.
Bacterial	1.88	number/g		
Fungal	0.00	number/g		
Fungal/Root	0.00	number/g		
Predatory	0.00	number/g		
Root	0.00	number/g		
<b>Miscellaneous Testing</b>				
E.coli	Processing	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	< 3500.00	

#### Compost Notes:

Very good bacterial and fungal biomass. Protozoan numbers are very good, but a better diversity would be beneficial. Good nutrient cycling from predators.

No Ecoli detected.

## Nematode Detail

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**# per gram  
Classified by type and identified to genus.  
If section is blank, no nematodes identified.**

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Nematode Genus	number/g	Units	Group	Common Name
Butlerius	0.19	number/g	Bacterial Feeders	
Cephalobus	0.05	number/g	Bacterial Feeders	
Cuticularia	0.14	number/g	Bacterial Feeders	
Panagrolaimus	0.34	number/g	Bacterial Feeders	
Protorhabditis	0.53	number/g	Bacterial Feeders	
Rhabditidae	0.63	number/g	Bacterial Feeders	