Compost Detail

Report prepared for:
Black Earth Compost

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

Report Sent:
Sample #: 03-12528
Unique ID: BEC
Invoice Number: 4891
Sample Recieved: 16 Jul 2020

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	Desired Level	Commentary
Organism Biomass Data				
Dry Weight	0.71	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	27.95	µg/g	> 3.00	Fungal activity within normal levels. -
Total Fungi	328.13	µg/g	> 300.00	Good fungal biomass. -
Hyphal Diameter	2.75	µm	> 2.50	Good balance of fungi. -
Active Bacteria	37.50	µg/g	> 3.00	Bacterial activity within normal levels.
Total Bacteria	851.77	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	0.00	µg/g	< 20.00	
Organism Biomass Ratios				
TF:TB	0.39		0.01 to 10.00	Balanced fungal and bacterial biomass.
AF:TF	0.09		< 0.10	Good fungal activity.
AB:TB	0.04		< 0.10	Good bacterial activity.
AF:AB	0.75		0.01 to 10.00	Bacterial dominated, becoming more bacterial.
Protozoa (Protists)				
Flagellates	11,751.04	number/g	> 10,000.00	Lacking species diversity.
Amoebae	**3,024.64**	number/g	> 10,000.00	
Ciliates	8.48	number/g	< 148.00	
Nitrogen Cycling Potential	50-75	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
Nematodes				
Nematodes	**1.24**	number/g	> 10.00	Low numbers and diversity.
Bacterial	1.24	number/g		
Fungal	0.00	number/g		
Fungal/Root	0.00	number/g		
Predatory	0.00	number/g		
Root	0.00	number/g		
Miscellaneous Testing				
E.coli	0.00	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. Predatory microbes are a bit low and resulting in low cycling of nutrients.
No ecoli detected.

Nematode Detail

Report prepared for:
Black Earth Compost
Caitlin Kenney
178 High Rd
Newbury, MA 01951 USA

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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
Cephalobus	0.13	number/g	Bacterial Feeders	
Diploscapter	0.17	number/g	Bacterial Feeders	
Prismatolaimus	0.17	number/g	Bacterial Feeders	
Protorhabditis	0.56	number/g	Bacterial Feeders	
Rhabditidae	0.21	number/g	Bacterial Feeders	