

Compost Detail

Report prepared for:
 The Ground Up
 Luis Chamorro
 9945 Windfern Rd.
 null
 Houston, TX 77064 USA

Report Sent: 07 Oct 2019
 Sample #: 01-130759
 Unique ID: Leaf Mold Compost
 A
 Invoice Number: 18128
 Sample Received: 23 Sep 2019



Earthfort, LLC
 635 SW Western Blvd
 Corvallis, OR 97333
 +1 (541) 257-2612
 info@earthfort.com
 http://earthfort.com

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

Assay Name	Result	Units	Desired Level	Commentary
Organism Biomass Data				
Dry Weight	0.59	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	14.78	µg/g	> 3.00	Fungal activity within normal levels. -
Total Fungi	1,464.18	µg/g	> 300.00	Good fungal biomass. - Fairly good fungal diversity. Hyphal diameter: 1.5 to 8µm.
Hyphal Diameter	2.85	µm	> 2.50	Good balance of fungi. -
Active Bacteria	33.55	µg/g	> 3.00	Bacterial activity within normal levels.
Total Bacteria	971.77	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	53.42	µg/g		
Organism Biomass Ratios				
TF:TB	1.51		0.01 to 10.00	Balanced fungal and bacterial biomass.
AF:TF	0.01		< 0.10	Good fungal activity.
AB:TB	0.03		< 0.10	Good bacterial activity.
AF:AB	0.44		0.01 to 10.00	Fungal dominated, becoming more bacterial.
Protozoa (Protists)				
Flagellates	7,822.73	number/g	> 10,000.00	Lacking species diversity.
Amoebae	97,717.92	number/g	> 10,000.00	
Ciliates	10.19	number/g	< 1055.00	
Nitrogen Cycling Potential	200+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
Nematodes				
Nematodes	0.05	number/g	> 10.00	Low numbers and diversity.
Bacterial	0.00	number/g		
Fungal	0.03	number/g		
Fungal/Root	0.00	number/g		
Predatory	0.00	number/g		
Root	0.03	number/g		
Miscellaneous Testing				
E.coli	Not Ordered	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			
Electrical Conductivity	Not Ordered	µS/cm	< 1000.00	

Compost Notes:

Nematode Detail

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

Nematode Genus	number/g	Units	Group	Common Name
Eudorylaimus	0.03	number/g	Fungal Feeders	
Meloidogyne	0.03	number/g	Root Feeders	Root-Knot nematode

Compost Biology Report

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Assay	Below Range	Desired Range	Above Range	Range	Result
Dry Weight				0.2 - 0.8	0.59
Active Fungi				> 3 µg/g	14.78 µg/g
Total Fungi				> 300 µg/g	1,464.18 µg/g
Active Bacteria				> 3 µg/g	33.55 µg/g
Total Bacteria				> 300 µg/g	971.77 µg/g
TF:TB				0.01 - 10	1.51
AF:TF				< 0.1	0.01
AB:TB				< 0.1	0.03
AF:AB				0.01 - 10	0.44
Flagellates				> 10000 /g	7,822.73 /g
Amoebae				> 10000 /g	97,717.92 /g
Ciliates				< 1055 /g	10.19 /g
Nematodes				> 10 /g	0.05 /g