

Compost Detail



Report prepared for:

Donald Lourie
2919 N 56th Street
Springdale, AR 72762

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

Report Sent: 08/22/2021

Sample # 01-134756

Unique ID: J/S compost

Plant: N/A

Season: N/A

Invoice Number: 20461

Sample Received: 08/19/2021

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

Assay Name	Result	Units	Range	Commentary
Organism Biomass Data				
Dry Weights	0.21	N/A	0.2 to 0.85	Within normal moisture levels.
Active Fungi	154.48	µ/g	> 3	Fungal activity within normal levels.
Total Fungi	13971.06	µ/g	> 300	Good fungal biomass. - Good fungal diversity. Hyphal diameter: 3.0 to 5.0 µm.
Hyphal Diameter	4.00	µm	> 2.85	Disease suppressive fungi likely present.
Active Bacteria	69.08	µ/g	> 3	Bacterial activity within normal levels.
Total Bacteria	2655.40	µ/g	> 300	Good bacterial biomass.
Organism Biomass Ratios				
TF:TB	5.26		0.1 to 10	Balanced fungal and bacterial biomass.
AF:TF	0.01		< 0.1	Good fungal activity.
AB:TB	0.03		< 0.1	Good bacterial activity.
AF:AB	2.24		0.1 to 10	Fungal dominated, becoming more fungal.
Protozoa (Protists)				
Flagellates	Not Ordered	#/g	> 10000	
Amoebae	Not Ordered	#/g	> 100000	
Ciliates	Not Ordered	#/g	< NaN	
Nitrogen Cycling Potential	Not Ordered	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period.
Nematodes				
Nematodes	Not Ordered	#/g	> 10	
Bacterial		#/g		
Fungal		#/g		
Fungal/Root		#/g		
Predatory		#/g		
Root		#/g		
Miscellaneous Testing				
E.coli	Not Ordered	CFU/g	< 800	
pH	4.70			
Electrical Conductivity	170.00	µs/cm	< 1000	
Notes				

19 month old J/S compost

Compost Graphs



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Active Fungi	> 3	154.48
Total Fungi	> 300	13971.06
Active Bacteria	> 3	69.08
Total Bacteria	> 300	2655.40
Organism Biomass Ratios		
TF:TB	0.1-10	5.26
AF:TF	< 0	0.01
AB:TB	< 0	0.03
AF:AB	0.1-10	2.24
Protozoa (Protists)		
Nematodes		