

Compost Basic Results



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: 11/15/2022

Sample # 01-137457

Unique ID: Long pile

Plant: N/A

Season: N/A

Invoice Number: 21723

Sample Received: 11/15/2022

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

Assay Name	Result	Range	Commentary
Compost Basic Results			
Moisture %	72.04	> 20	Within normal moisture levels.
pH	5.30	5.5 to 9	
Electrical Conductivity µS/cm	870.00	< 3000	
Aerobic Fungi µg/g	36.33	> 9	Fungal activity within normal levels.
Total Fungi µg/g	6431.23	> 900	Good fungal biomass.
Aerobic Bacteria µg/g	33.52	< 30	In thermal compost >= 0.10 could indicate unfinished compost. In worm compost this not an issue.
Total Bacteria µg/g	1508.56	< 3000	Good bacterial biomass.
Total Fungi to Total Bacteria ratio	4.26	> 0.5	Balanced fungal and bacterial biomass.
Aerobic Fungi to Total Fungi ratio	0.01	> 0.01	Good fungal activity.
Aerobic Bacteria to Total Bacteria ratio	0.02	< 0.1	Good bacterial activity.
Aerobic Fungi to Aerobic Bacteria ratio	1.08	> 0.5	Fungal dominated, becoming more fungal.
Protozoa			
Flagellates MPN/g	Not Ordered	> 100000	
Amoebae MPN/g	Not Ordered	> 100000	
Ciliates MPN/g	Not Ordered		
E.coli			
E. coli CFU/g	Not Ordered	< 800	
Application Uses			
Product	Quantity	Area	
Notes			

Retest

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Report Sent: 11/15/2022

Sample # 01-137458

Unique ID: Garden Bin

Plant: N/A

Season: N/A

Invoice Number: 21723

Sample Received: 11/15/2022

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Assay Name	Result	Range	Commentary
Compost Basic Results			
Moisture %	67.10	> 20	Within normal moisture levels.
pH	6.40	5.5 to 9	
Electrical Conductivity µS/cm	170.00	< 3000	
Aerobic Fungi µg/g	46.97	> 9	Fungal activity within normal levels.
Total Fungi µg/g	4268.78	> 900	Good fungal biomass.
Aerobic Bacteria µg/g	12.93	< 30	Bacterial activity within normal levels.
Total Bacteria µg/g	1275.09	< 3000	Good bacterial biomass.
Total Fungi to Total Bacteria ratio	3.35	> 0.5	Balanced fungal and bacterial biomass.
Aerobic Fungi to Total Fungi ratio	0.01	> 0.01	Good fungal activity.
Aerobic Bacteria to Total Bacteria ratio	0.01	< 0.1	Good bacterial activity.
Aerobic Fungi to Aerobic Bacteria ratio	3.63	> 0.5	Fungal dominated, becoming more fungal.
Protozoa			
Flagellates MPN/g	Not Ordered	> 100000	
Amoebae MPN/g	Not Ordered	> 100000	
Ciliates MPN/g	Not Ordered		
E.coli			
E. coli CFU/g	Not Ordered	< 800	
Application Uses			
Product	Quantity	Area	
Notes			

Retest

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Report Sent: 11/15/2022

Sample # 01-137459

Unique ID: Hoop House

Plant: N/A

Season: N/A

Invoice Number: 21723

Sample Received: 11/15/2022

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Corvallis, OR 97333
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info@earthfort.com
http://earthfort.com

Assay Name	Result	Range	Commentary
Compost Basic Results			
Moisture %	71.55	> 20	Within normal moisture levels.
pH	6.30	5.5 to 9	
Electrical Conductivity µS/cm	130.00	< 3000	
Aerobic Fungi µg/g	53.63	> 9	Fungal activity within normal levels.
Total Fungi µg/g	3830.90	> 900	Good fungal biomass.
Aerobic Bacteria µg/g	5.49	< 30	Bacterial activity within normal levels.
Total Bacteria µg/g	1416.91	< 3000	Good bacterial biomass.
Total Fungi to Total Bacteria ratio	2.70	> 0.5	Balanced fungal and bacterial biomass.
Aerobic Fungi to Total Fungi ratio	0.01	> 0.01	Good fungal activity.
Aerobic Bacteria to Total Bacteria ratio	0.00	< 0.1	Good bacterial activity.
Aerobic Fungi to Aerobic Bacteria ratio	9.78	> 0.5	Fungal dominated, becoming more fungal.
Protozoa			
Flagellates MPN/g	Not Ordered	> 100000	
Amoebae MPN/g	Not Ordered	> 100000	
Ciliates MPN/g	Not Ordered		
E.coli			
E. coli CFU/g	Not Ordered	< 800	
Application Uses			
Product	Quantity	Area	
Notes			

Retest