

Compost Detail

Report prepared for:
Sea Coast Compost
David Boyer
63043 Seven Devils Rd.
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Report Sent: 14 Jan 2019
Sample #: 01-129070
Unique ID: Compost W1
Invoice Number: 17092
Sample Received: 04 Jan 2019



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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	0.40	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	24.80	µg/g	> 3.00	Fungal activity within normal levels. -
Total Fungi	1,941.43	µg/g	> 300.00	Good fungal biomass. - Fair fungal diversity. Hyphal diameter: 1.5 to 5.5µm.
Hyphal Diameter	2.75	µm	> 2.50	Good balance of fungi. -
Active Bacteria	140.80	µg/g	> 3.00	Bacterial activity within normal levels.
Total Bacteria	1,629.70	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	214.89	µg/g		
Organism Biomass Ratios				
TF:TB	1.19		0.01 to 10.00	Balanced fungal and bacterial biomass.
AF:TF	0.01		< 0.10	Good fungal activity.
AB:TB	0.09		< 0.10	Good bacterial activity.
AF:AB	0.18		0.01 to 10.00	Fungal dominated, becoming more bacterial.
Protozoa (Protists)				
Flagellates	145,088.67	number/g	> 10,000.00	Should provide a good inoculum of protozoa.
Amoebae	11,614,961.65	number/g	> 10,000.00	
Ciliates	211.82	number/g	< 117601.00	
Nitrogen Cycling Potential	300+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period

Assay	Below Range	Desired Range	Above Range	Range	Result
Dry Weight	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	0.2 - 0.8	0.40
Active Fungi	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	> 3 µg/g	24.80 µg/g
Total Fungi	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	> 300 µg/g	1,941.43 µg/g
Active Bacteria	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	> 3 µg/g	140.80 µg/g
Total Bacteria	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	> 300 µg/g	1,629.70 µg/g
TF:TB	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	0.01 - 10	1.19
AF:TF	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	< 0.1	0.01
AB:TB	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	< 0.1	0.09
AF:AB	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	0.01 - 10	0.18
Flagellates	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	> 10000 /g	145,088.67 /g
Amoebae	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	> 10000 /g	11,614,961.65 /g
Ciliates	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 0%; height: 10px; background-color: green;"></div>	< 117601 /g	211.82 /g