

Liquid Detail

Report prepared for:
Anchorage Farm
Stephen Shafer
8 Mynderse St
Saugerties, NY 12477 USA

Report Sent: 06 Jul 2020
Sample #: 01-132575
Unique ID: JSB Compost Tea
Invoice Number: 19129
Sample Received: 25 Jun 2020



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				
Active Fungi	3.11	µg/mL	> 2.00	Fungal activity within normal levels. -
Total Fungi	17.30	µg/mL	> 10.00	Good fungal biomass. - Fairly good fungal diversity. Hyphal diameter: 2 - 8 µm. Very diverse bacteria.
Hyphal Diameter	3.50	µm	> 2.85	Disease suppressive fungi likely present. -
Active Bacteria	28.16	µg/mL	> 10.00	Bacterial activity within normal levels.
Total Bacteria	711.11	µg/mL	< 10000.00	Good bacterial biomass. -
Actinobacteria	0.39	µg/mL	> 0.00	
Organism Biomass Ratios				
TF:TB	0.02		0.01 to 2.00	Balanced fungal and bacterial biomass.
AF:TF	0.18		> 0.01	Good fungal activity.
AB:TB	0.04		> 0.01	Good bacterial activity.
AF:AB	0.11		0.01 to 2.00	Bacterial dominated, becoming more bacterial.
Protozoa (Protists)				
Flagellates	13,863.00	number/mL	> 500.00	Should provide a good inoculum of protozoa.
Amoebae	13,863.00	number/mL	> 500.00	
Ciliates	0.60	number/mL	< 277.00	
Nitrogen Cycling Potential	200+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
Nematodes				
Nematodes	Not Ordered	number/mL	> 2.00	
Bacterial	Not Ordered	number/mL		
Fungal	Not Ordered	number/mL		
Fungal/Root	Not Ordered	number/mL		
Predatory	Not Ordered	number/mL		
Root	Not Ordered	number/mL		
Miscellaneous Testing				
E.coli	Not Ordered	CFU/mL	< 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	

Liquid Notes:
Soil ReVive Used

Liquid Biology Report

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Assay	Below Range	Desired Range	Above Range	Range	Result
Active Fungi				> 2 µg/mL	3.11 µg/mL
Total Fungi				> 10 µg/mL	17.30 µg/mL
Active Bacteria				> 10 µg/mL	28.16 µg/mL
Total Bacteria				< 10000 µg/mL	711.11 µg/mL
TF:TB				> 0.01	0.02
AF:TF				> 0.01	0.18
AB:TB				> 0.01	0.04
AF:AB				> 0.01	0.11
Flagellates				> 500 /mL	13,863.00 /mL
Amoebae				> 500 /mL	13,863.00 /mL
Ciliates				< 277 /mL	0.60 /mL