

# Compost Detail

Report prepared for:  
Cold Creek Compost  
Martin Mileck  
6000 E side Potter Valley Rd  
null  
Ukiah, CA 95482 USA

Report Sent: 13 Dec 2018  
Sample #: 01-128927  
Unique ID: Agrow Blend  
Compost  
Invoice Number: 17027  
Sample Received: 03 Dec 2018



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
<b>Organism Biomass Data</b>				
Dry Weight	0.55	N/A	0.20 to 0.80	Within normal moisture levels.
Active Fungi	35.23	µg/g	> 3.00	Fungal activity within normal levels. -
Total Fungi	1,047.11	µg/g	> 300.00	Good fungal biomass. - Fair fungal diversity. Hyphal diameter: 1.5 to 8µm.
Hyphal Diameter	2.85	µm	> 2.50	Good balance of fungi. -
Active Bacteria	59.58	µg/g	> 3.00	Bacterial activity within normal levels.
Total Bacteria	1,513.68	µg/g	> 300.00	Good bacterial biomass. -
Actinobacteria	48.62	µg/g		
<b>Organism Biomass Ratios</b>				
TF:TB	0.69		0.01 to 10.00	Balanced fungal and bacterial biomass.
AF:TF	0.03		< 0.10	Good fungal activity.
AB:TB	0.04		< 0.10	Good bacterial activity.
AF:AB	0.59		0.01 to 10.00	Bacterial dominated, becoming more bacterial.
<b>Protozoa (Protists)</b>				
Flagellates	83,209.50	number/g	> 10,000.00	Should provide a good inoculum of protozoa.
Amoebae	1,039,414.24	number/g	> 10,000.00	
Ciliates	77.68	number/g	< 11226.00	
Nitrogen Cycling Potential	300+	lbs/acre		Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period
<b>Nematodes</b>				
Nematodes	<b>4.72</b>	number/g	> 10.00	Low numbers and diversity.
Bacterial	4.72	number/g		
Fungal	0.00	number/g		
Fungal/Root	0.00	number/g		
Predatory	0.00	number/g		
Root	0.00	number/g		
<b>Miscellaneous Testing</b>				
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.**



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Nematode Genus	number/g	Units	Group	Common Name
Eucephalobus	0.12	number/g	Bacterial Feeders	
Panagrolaimus	4.59	number/g	Bacterial Feeders	

# Compost Biology Report

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Assay	Below Range	Desired Range	Above Range	Range	Result
Dry Weight				0.2 - 0.8	0.55
Active Fungi				> 3 µg/g	35.23 µg/g
Total Fungi				> 300 µg/g	1,047.11 µg/g
Active Bacteria				> 3 µg/g	59.58 µg/g
Total Bacteria				> 300 µg/g	1,513.68 µg/g
TF:TB				0.01 - 10	0.69
AF:TF				< 0.1	0.03
AB:TB				< 0.1	0.04
AF:AB				0.01 - 10	0.59
Flagellates				> 10000 /g	83,209.50 /g
Amoebae				> 10000 /g	1,039,414.24 /g
Ciliates				< 11226 /g	77.68 /g
Nematodes				> 10 /g	<b>4.72 /g</b>