



Biological Analysis Soil Amendment

Report prepared for:

Dankodirt
Zach Breslaw
PO Box 1325
Creswell, OR 97330 USA

Report Sent: 12/31/2015
Sample#: 01-122267 | Submission:01-025083
Unique ID: Chicken Fuel
Plant:

Invoice Number: 0
Sample Received: 12/21/2015

zach@dankodirt.com

For interpretation of this report please contact:
Earthfort Labs
info@earthfort.com
(541) 257-2612

Consulting fees may apply

Organism Biomass Data	Dry Weight	Active Bacteria (µg/g)	Total Bacteria (µg/g)	Active Fungi (µg/g)	Total Fungi (µg/g)	Hyphal Diameter (µm)	Nematode detail (# per gram or # per mL) Classified by type and identified to genus. (If section is blank, no nematodes identified.)
Results	0.620	9.22	1647	0	249	2.9	
Comments	In Good Range	In range	In range	Below range	Below range		
Expected Range	Low	0.2	3	3	300		
	High	0.8	30	30	3000		
	Protozoa (Numbers/g)			Total	Mycorrhizal Colonization (%)		
	Flagellates	Amoebae	Ciliates	Nematodes #/g	ENDO	ECTO	
Results	0	4471919	0	0	Not Ordered	Not Ordered	
Comments	Low	High	Good	Low			
Expected Range	Low	10000	10000	10			
	High	100000	100000	100			
Organism Biomass Ratios	Total Fungi to Tot.Bacteria	Active to Total Fungi	Active to Total Bacteria	Active Fungi to Act.Bacteria	Nitrogen Cycling Potential (lbs/ac)		
Results	0.15	0	0.006	0	300+		
Comments	Good	Low	Low	Low			
Expected Range	Low	0.01	0.01	0.01			
	High	10	0.1	10			

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Dry Weight: Within normal moisture levels.

Active Bacteria: Bacterial activity within normal levels.

Total Bacteria: Good bacterial biomass.

Active Fungi: Fungi are dormant, foods may be required.

Total Fungi: Low fungal biomass, inoculum and foods may be required.

Hyphal Diameter: Good balance of fungi.

Protozoa: Lacking species diversity.

Total Nematodes: None observed

Mycorrhizal Col.:

TF/TB: Bacterial dominated.

AF/TF: No fungal activity, foods may be required.

AB/TB: Low bacterial activity relative to total biomass

AF/AB: Bacterial dominated, becoming more bacterial.

Interpretation Comments:

Actinobacteria Biomass = 0.92 ug/g
Fair fungal diversity; hyphal diameter 1.5 to 4.5 um.