



Foodweb Analysis Soil Amendment

Report prepared for:

CompostWerks LLC
Peter Schmidt
487 E Main St Ste 160
Mount Kisco, NY 10549 USA

Report Sent: 7/8/2010
Sample#: 01-109478 | Submission:01-020448
Unique ID: compost #1
Plant:

Invoice Number: 5614
Sample Received: 6/30/2010

peter@compostwerks.com

For interpretation of this report please contact:
Soil Foodweb Oregon
info@oregonfoodweb.com
(541) 752-5066

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	0.480	119	1174	19.7	1210	2.8	Bacterial Feeders	15.32	
Comments	In Good Range	Above range	In range	In range	Above range		Butlerius		2.80
Expected Range	Low	15	100	15	100		Cuticularia		11.20
	High	0.85	25	3000	300		Diplogasteritus		0.16
							Diploscapter		0.33
							Geomonhystera		0.33
							Plectus		0.33
							Teratocephalus		0.16
							Fungal Feeders	0.66	
Results	58351	58351	292	36.7	Not Ordered	Not Ordered	Epidorylaimus		0.16
Comments	High	High	High	High			Eudorylaimus		0.16
Expected Range	Low	10000	10000	50			Mesodorylaimus		0.16
	High			100	30		Thonus		0.16
							Fungal/Root Feeders	0.16	
							Ditylenchus		0.16
							Predatory	1.32	
							Mononchoides		1.32
							Stem & Bulb nematode		0.16
Organism Biomass Ratios	Total Fungi to Tot.Bacteria	Active to Total Fungi	Active to Total Bacteria	Active Fungi to Act.Bacteria	Plant Available N Supply (lbs/ac)	Actino Bacteria (µg/g)			
Results	1.03	0.02	0.10	0.17	200+	0			
Comments	Good	Good	High	Low					
Expected Range	Low	0.75	0.01	0.01	0.75				
	High	1.5	0.1	0.1	1.5				

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Dry Weight: Within normal moisture levels for solid soil amendment

Active Bacteria: Bacterial activity above expected levels. Bacterial biomass will increase as long as nutrients are available

Total Bacteria: Aerobic bacterial biomass in normal range for mature amendment

Active Fungi: Filamentous fungal activity and diversity in normal range for mature amendment

Total Fungi: Fungal biomass and diversity above typical range for amendment

Hyphal Diameter: Good balance of disease suppressive and normal soil fungi

Protozoa: Protozoa present in numbers that will allow nutrients to be cycled and made available to plants in good quantities

Total Nematodes: Good numbers and diversity. Typically means excellent soil health.

Mycorrhizal Col.:

TF/TB: Balanced biomass and diversity of bacteria and fungi. Good inoculum of both bacteria and fungi

AF/TF: Activity in desired range for mature amendment. Fungi will not compete with plants for nutrients.

AB/TB: Not mature. Wait to apply this material until activity drops below 0.1 (10%). Material is currently suitable for making liquid amendment.

AF/AB: Balanced; becoming more bacterial; addition of foods for preferred dominance might speed balance.

Interpretation Comments:

No actinobacteria.
Good fungal diversity. Hyphal diameter: 1.5 to 6um