



Compost Tea Foodweb Analysis

Report prepared for:

Compost Tea Texas, LLC
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Report Sent: 08/02/2005
Sample#: 01-101019
Unique ID: # 3 Ross 07/20/05
Plant:
Invoice Number: 8394
Sample Received: 07/21/2005

For interpretation of this report please contact:
Local Advisor: or regional lab
Soil Foodweb, Inc
info@soilfoodweb.com
(541) 752-5066
Consulting fees may apply

Organism Biomass Data	Tea Volume (ml)	Active Bacterial (µg/mL)	Total Bacterial (µg/mL)	Active Fungal (µg/mL)	Total Fungal (µg/mL)	Hyphal Diameter (µm)	Nematodes per MI of Tea					
							Identification to genus					
Results	1	14.2	2938	0.60	2.20	3	Bacterial Feeders					
Comments		Good	Good	Low	Good		Cuticularia		0.02			
Expected Range	Low High	10 150	150 3000	2 10	2 20							
		Protozoa Numbers/g		Total Nematodes #/mL	Percent Mycorrhizal Colonization							
		Flagellates	Amoebae		Ciliates	ENDO				ECTO		
Results		2772	831	135	0.02	Not Ordered				Not Ordered		
Comments		High	Low	High	Low							
Expected Range	Low High	1000	1000	20 50	2 10							
Organism Biomass Ratios	Total Fungal to Total Bacterial	Active to Total Fungal	Active to Total Bacterial	Active Fungal to Active Bacterial	Plant Available N Supply							
Results	0.0007	0.27	0.005	0.04	200+							
Comments	Low	High	Low	Low								
Expected Range	Low High	0.01 0.1	0.1 0.25	0.9 1.1								

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Dry Weight:

Active Bacteria: Activity in normal range for good compost tea

Total Bacteria: Bacterial biomass and diversity in expected range; good extraction and growth are indicated

Active Fungi: Fungal activity below expected range. Were sufficient fungal foods and aeration provided to keep fungi active?

Total Fungi: Aerobic fungal biomass in normal range for mature compost

Hyphal Diameter: Disease suppressive fungi were extracted.

Protozoa: High ciliate numbers indicate anaerobic conditions just developing or just mitigated.

Total Nematodes: Nematodes either not present in compost, not extracted, or did not survive in tea.

Mycorrhizal Col.:

TF/TB: Bacterial biomass greater than fungal, but may still provide adequate fungal biomass.

AF/TF: Fungi are mostly active and growing, but total biomass a bit lacking. Brewing for a bit longer might improve results

AB/TB: Activity adequate, good total bacterial biomass

AF/AB: Bacterial-dominated compost tea is becoming more bacterial; addition of foods for preferred dominance might speed balance..

Nitrogen Supply: 6.8 tons of yield possible if all biology is functioning

Interpretation Comments:

Unspecified hour brew in Extractor from fungal compost, and well water, for application on Bermuda. Arrived in aquafina, smelled earthy

Fairly good fungal diversity, hyphal diameters 2.5-8 um.

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