



# Compost Tea Foodweb Analysis

**Report prepared for:**

Compost Tea Texas, LLC  
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Report Sent: 08/02/2005  
 Sample#: 01-101018  
 Unique ID: #2 Ross 7/18/05  
 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](mailto: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		
<b>Results</b>	1	189	3392	<b>0.42</b>	7.04	3.5			
<b>Comments</b>		Excellent	Excellent	Low	Good				
<b>Expected Range</b>	Low	10	150	2	2				
	High	150	3000	10	20				
		Protozoa		Total Nematodes #/mL	Percent Mycorrhizal Colonization				
		Flagellates	Numbers/g Amoebae		Ciliates	ENDO	ECTO		
<b>Results</b>		<b>138</b>	<b>277</b>	<b>0</b>	Not Ordered	Not Ordered			
<b>Comments</b>		Low	Low	Low					
<b>Expected Range</b>	Low	1000	1000	2					
	High			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				
<b>Results</b>	<b>0.002</b>	<b>0.06</b>	<b>0.06</b>	<b>0.002</b>	5+				
<b>Comments</b>	Low	Low	Low	Low					
<b>Expected Range</b>	Low	0.01	0.1	0.1					
	High	0.1	0.25	0.25					

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Dry Weight:

Active Bacteria: Bacterial activity above expected level; bacterial biomass will increase with time as long as food is present

Total Bacteria: Bacterial biomass and diversity a little above 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: Excellent, Disease suppressive fungi were extracted.

Protozoa: Protozoa either not present in compost, not extracted, or did not survive in tea. Check pH, chlorine, EC (salts), aeration, loss of power during brewing, etc

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. Check surface after application

AF/TF: Low activity, good total biomass. Need to add fungal foods, and increase aeration.

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: 0.16 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 grass. Arrived in aquafina, smelled sour

Actinobacteria counts: 1.4 ug per ml of Tea. 1.5um diameter.