



# Compost Tea Foodweb Analysis

## Report prepared for:

Organicare, Inc.  
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Report Sent: 09/07/2005  
Sample#: 01-101310  
Unique ID: ORG110  
Plant:  
Invoice Number: 8525  
Sample Received: 09/01/2005

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	151	6432	1.75	10.2	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>		135	575	0	Not Ordered	Not Ordered	Not Ordered			
<b>Comments</b>		Low	Low	Low						
<b>Expected Range</b>	Low	1000	1000	20	2					
	High			50	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>	0.002	0.17	0.02	0.01	25+					
<b>Comments</b>	Low	Good	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 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:

Mycorrhizal Col.:

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

AF/TF: Activity could be a bit higher, but adequate fungal biomass achieved. Adding fungal foods as tea is applied may 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:

Interpretation Comments:

16 hour brew in Bob Norsen 500 brewer from Natures Needs compost, and city water w/chloramines removed, for soil drench application on trees. Arrived in 1 pint plastic bottle, about 1/2 full, smelled strongly of molasses with sulfur undertones.

Actinobacterial biomass 0.10 ug/g, hyphal diameter 1.5 um. No active actinobacteria. Some true fungal diversity, mostly fresh growth.

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