Compost Tea
Foodweb Analysis

Report prepared for:

Botanical Art
Alane L. Weber
801 So. Grant St.
San Mateo, CA 94402 USA
(650) 347-1149
wormlady@sbcglobal.net

Report Sent: 06/24/2005
Sample#: 01-100869
Unique ID: #8 Alane 2005-8
Plant:
Invoice Number: 8297
Sample Received: 06/16/2005

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)
Results	1	156	5056	7.93	24.0	3.5
Comments		Excellent	Excellent	Good	Excellent	
Expected Range Low		10	150	2	2	
Expected Range High		150	3000	10	20	

	Protozoa Numbers/g			Total Nematodes #/mL	Percent Mycorrhizal Colonization	
	Flagellates	Amoebae	Ciliates		ENDO	ECTO
Results	4606	1386	46	**0**	Not Ordered	Not Ordered
Comments	High	High	Good	Low		
Expected Range Low	1000	1000	20	2		
Expected Range 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
Results	**0.005**	0.33	**0.03**	**0.05**	200+
Comments	Low	High	Low	Low	
Expected Range Low	0.01	0.1	0.1	0.9	
Expected Range High	0.1	0.25	0.25	1.1	

Nematodes per Ml of Tea
Identification to genus

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Dry Weight:

Active Bacteria:	Excellent
Total Bacteria:	Excellent
Active Fungi:	In Good Range
Total Fungi:	Excellent
Hyphal Diameter:	Excellent, Disease suppressive fungi were extracted.
Protozoa:	Good protozoan numbers. Nutrients will be cycled and made available to plants.
Total Nematodes:	Nematodes either not present in compost, not extracted, or did not survive in tea.
Mycorrhizal Col.:	
TF/TB:	Good fungal levels, even though bacteria are higher, this will give good fungal coverage and inoculum into soil
AF/TF:	Very good: fungi are mostly active and growing in tea. This tea will make a good inoculum.
AB/TB:	OK, high bacterial biomass achieved.
AF/AB:	Bacteria are more active than fungi.
Nitrogen Supply:	6.8 tons of yield possible if all biology is functioning

Interpretation Comments:

23 hrs hour brew in KIS 28 brewer from 75% Batch # 7 (tested in 2005) 25% wormcastings, 1pkt. EPM 22 food, 5oz food grade ascorbic acid and AmQuil treated city water water, for application on turf.

Total Fungi: Good diversity, Hyphal diameter: 2-10, a few yeasts seen.