



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#: 01-100870
Unique ID: # 9 Lyngso 2005-9
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)	Nematodes per MI of Tea		
							Identification to genus		
Results	1	128	4192	7.18	16.3	3.25	Bacterial Feeders		
Comments		Good	Excellent	Good	Good		Butlerius		0.005
Expected Range	Low	10	150	2	2		Cuticularia		0.005
	High	150	3000	10	20		Mononchoides		0.005
		Protozoa		Total Nematodes #/mL	Percent Mycorrhizal Colonization				
		Flagellates	Numbers/g Amoebae		Ciliates	ENDO	ECTO		
Results		460	1386	28	0.02	Not Ordered	Not Ordered		
Comments		Low	High	Good	Low				
Expected Range	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				
Results	0.004	0.44	0.03	0.06	200+				
Comments	Low	High	Low	Low					
Expected Range	Low	0.01	0.1	0.1	0.9				
	High	0.1	0.25	0.25	1.1				

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#: 01-100870
Unique ID: # 9 Lyngso 2005-9
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

Dry Weight:

Active Bacteria: In Good Range

Total Bacteria: Excellent

Active Fungi: In Good Range

Total Fungi: In Good Range

Hyphal Diameter: Excellent, Disease suppressive fungi were extracted.

Protozoa: Low flagellates, good amoebae

Total Nematodes: Low numbers and diversity. Were nematodes present in compost?

Mycorrhizal Col.:

TF/TB: Good fungal levels, even though bacteria are much 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:

24 hrs hour brew in KIS 100 brewer from Batch # 7 compost, 1pkt. EPM 100 food and AmQuil treated city water, for application on turf.

Total Fungi: Good diversity of hyphae, Diameter: 2-10, a few yeasts seen here too.