



Compost 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:
Sample#: 01-100589
Unique ID: Batch # 6
Plant:
Invoice Number: 8130
Sample Received: 04/20/2005

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	Dry Weight	Active Bacterial (µg/g)	Total Bacterial (µg/g)	Active Fungal (µg/g)	Total Fungal (µg/g)	Hyphal Diameter (µm)	Nemaodes per Gram of Soil Identification to genus		
Results	0.280	186	5869	90.7	1760	2.75	Bacterial Feeders		
Comments	To Dry	Excellent	Excellent	Excellent	Excellent		Butlerius		2.18
Expected Range	Low	15	100	15	100		Cuticularia		4.90
	High	0.85	25	3000	25	300	Diploscapter		1.63
							Metadiplogaster		0.27
							Mononchoides		4.09
							Rhabditidae		2.18
							Fungal/Root Feeders		
							Ditylenchus	Stem & Bulb nematode	0.54

	Protozoa			Total Nematodes #/g	Percent Mycorrhizal Colonization
	Flagellates	Numbers/g Amoebae	Ciliates		
Results	206688	7691	16546	56.8	Not Ordered
Comments	High	Low	High	High	
Expected Range	Low	10000	10000	50	
	High			100	

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	0.30	0.05	0.03	0.49	250+
Comments	Low	Low	Low	Low	High
Expected Range	Low	1	1	0.75	
	High	1.5	10	1.5	

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

Report Sent:
Sample#: 01-100589
Unique ID: Batch # 6
Plant:
Invoice Number: 8130
Sample Received: 04/20/2005

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

Active Bacteria: Excellent

Total Bacteria: Excellent

Active Fungi: Excellent

Total Fungi: Excellent

Hyphal Diameter: Disease suppressive fungi are present.

Protozoa: High ciliate numbers indicate anaerobic conditions in the recent past. Given more composting time, and more frequent turning, these conditions should be alleviated.

Total Nematodes: Good numbers and diversity.

Mycorrhizal Col.:

TF/TB: Bacterial dominated compost, but with excellent fungal biomass.

AF/TF: Mature

AB/TB: Mature

AF/AB: Compost will become more bacterial over time.

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

Interpretation Comments:

6 month compost from mixed landscape greens and browns, straw, oak leaves, aged wood chips, lawn clippings, alfalfa dried for garden use, reached 150F, for variety of plants, Smell: earthy. 2 week high heat cycle over 135f and turned when temp reached 150F, turned 6 x. Rrock dust, oyster shell, kelp meal, soybean meal and azomite added to pile at separated turnings. Left to rest w/no turning for last 4 1/2 mos. What else? Oh, inoculated w/ various batches of compost tea and fish hydrolysate to start off.