



Compost Foodweb Analysis

Report prepared for:

Earth Elixir Quality Compost T
Danielle McCann
912 Dunsmuir Road
Victoria, B.C. V9A 5C3 CANA
(250) 727-0631
danielle@earthelixir.com

Report Sent: 12:00:00 AM
Sample#: 01-100798
Unique ID: Thermal # 8
Plant:
Invoice Number: 8255
Sample Received: 05/31/2005

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)	Nematodes per Gram of Soil Identification to genus		
Results	0.260	620	8373	289	4403	2.5	Bacterial Feeders		
Comments	To Dry	Excellent	Excellent	Excellent	Excellent		Butlerius		0.05
Expected Range	Low	15	100	15	100		Cuticularia		0.28
	High	0.85	25	3000	300		Diploscapter		0.24
							Mononchoides		0.94
							Rhabditidae		0.38
		Protozoa		Total Nematodes #/g	Percent Mycorrhizal Colonization				
		Flagellates	Numbers/g Amoebae		Ciliates	ENDO	ECTO		
Results	1065131	1065131	22104	7.22	Not Ordered	Not Ordered			
Comments	High	High	High	Low					
Expected Range	Low	10000	10000	20					
	High			30					
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	0.53	0.07	0.07	0.47	300+				
Comments	Low	Low	Low	Low					
Expected Range	Low	0.75	1	1	0.75				
	High	1.5	10	10	1.5				

Earth Elixir Quality Compost T
Danielle McCann
912 Dunsmuir Road
Victoria, B.C. V9A 5C3 CANA
(250) 727-0631
danielle@earthelixir.com

Report Sent: 12:00:00 AM
Sample#: 01-100798
Unique ID: Thermal # 8
Plant:
Invoice Number: 8255
Sample Received: 05/31/2005

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: Too wet: allow material to dry out a bit, to prevent anaerobic conditions.

Active Bacteria: Excellent

Total Bacteria: Excellent

Active Fungi: Excellent

Total Fungi: Excellent

Hyphal Diameter: OK

Protozoa: High ciliate numbers indicate that the aggregates are anaerobic on the inside, but the excellent numbers of flagellates and amoebae indicate the outsides of the aggregates are fully aerobic. This means great diversity, good for soil functioning in all conditions.

Total Nematodes: Low numbers, limited diversity, need to add beneficial nematodes.

Mycorrhizal Col.:

TF/TB: Bacterial dominated compost

AF/TF: Mature

AB/TB: Mature

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

Nitrogen Supply: 10 tons of yield possible if all biology is functioning

Interpretation Comments:

3 month compost from Saltspring island organic waste materials, reached 160f , well water added by overhead system, for variety of plants, Smell: earthy.