



Compost Foodweb Analysis

Report prepared for:

Nurturing Nature Organics Inc.
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Report Sent: 4/7/2008
Sample#: 08-001092
Unique ID: N/N # 1
Plant:
Invoice Number:
Sample Received: 3/26/2008

For interpretation of this report please contact:
Local Advisor: or regional lab
Soil Foodweb Canada
info@soilfoodweb.ca
(403) 485-6981
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	0.420	26.2	972	5.32	213	2.5		
Comments	Too Wet	Excellent	Good	Low	Good			
Expected Range	Low	15	100	15	100			
	High	0.85	25	3000	25	300		
		Protozoa		Total Nematodes #/g	Percent Mycorrhizal Colonization			
		Flagellates	Numbers/g Amoebae		Ciliates	ENDO		ECTO
Results		13696	6599495	66	7.50	Not Ordered		Not Ordered
Comments		High	High	Good	Low			
Expected Range	Low	10000	10000	50	20			
	High			100	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	0.22	0.03	0.03	0.20	300+			
Comments	Low	Low	Low	Low				
Expected Range	Low	0.75	1	1	0.75			
	High	1.5	10	10	1.5			

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Dry Weight:

Active Bacteria: Bacterial activity above expected levels; bacterial biomass will increase as long as nutrients are available

Total Bacteria: Aerobic bacterial biomass in normal range for mature compost

Active Fungi: Fungi may have run out of food or oxygen;

Total Fungi: Aerobic fungal biomass in normal range for mature compost. Fungal Diameter Range 2.25-3.5um

Hyphal Diameter: Good balance of disease suppressive and normal soil fungi

Protozoa: Protozoa present in numbers that will allow nutrients to be cycled and made available to plants in good quantities

Total Nematodes: Low numbers, low diversity. Nutrient cycling from fungi limited.

Mycorrhizal Col.: Endo: | Ecto:

TF/TB: More fungal biomass than bacterial biomass. Excellent for improving fungal diversity and biomass

AF/TF:

AB/TB: Good total bacterial biomass

AF/AB: Fungal-dominated compost is becoming more bacterial;

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

Interpretation Comments:

Compost age ?, compost from Worm Castings, reached ? for days, turned times, water added: ? times, for variety plant, Smell: Earthy. Notes:
Dry Weight:
Active Bacteria:
Total Bacteria:
Active Fungi: