



Compost Tea Foodweb Analysis

Report prepared for:

Frontier Industrial Corp
Mike Harmon
29851 S. Kenagy Lane
Hubbard, OR 97013 USA
(503) 266-3422
raftingsystems1@juno.com

Report Sent: 12:00:00 AM
Sample#: 01-100818
Unique ID: Seal of Approval 0817
Plant:
Invoice Number: 8269
Sample Received: 06/02/2005

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	28.9	896	5.31	12.3	3	Bacterial Feeders		0.01	
Comments		Good	Good	Good	Good		Butlerius		0.04	
Expected Range	Low High	10 150	150 3000	2 10	2 20		Rhabditidae			
		Protozoa		Total Nematodes #/mL	Percent Mycorrhizal Colonization					
		Flagellates	Numbers/g Amoebae		Ciliates	ENDO	ECTO			
Results		460600	575	17	0.05	Not Ordered	Not Ordered			
Comments		High	Low	Low	Low					
Expected Range	Low High	1000	1000	20 50	2 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	0.01	0.43	0.03	0.18	200+					
Comments	Good	High	Low	Low						
Expected Range	Low High	0.01 0.1	0.1 0.25	0.1 0.25	0.9 1.1					

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Dry Weight:

Active Bacteria: In Good Range

Total Bacteria: In Good Range

Active Fungi: In Good Range

Total Fungi: In Good Range

Hyphal Diameter: Disease suppressive fungi were extracted.

Protozoa: Good protozoan numbers. Nutrients will be cycled and made available to plants.

Total Nematodes: Low numbers and diversity. Numbers may have been higher when tea was fresh.

Mycorrhizal Col.:

TF/TB:

AF/TF:

AB/TB:

AF/AB:

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

Interpretation Comments:

27 hour brew in home made air injection brewer from 12# Mikes Best thermal compost/ 1# Leons fungal/ 1# Mikes fungal/ 1/2# Acadian kelp/ 1/2 qt Turf Pro/ 1 qt Neptunes fish oil/ 8 oz alfalfa meal/ 225 gal water @ 72F and well water, for application on deciduous trees.