



Compost 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: 06/09/2005
Sample#: 01-100820
Unique ID: Edelweiss Rows 7 & 8
Plant:
Invoice Number: 8270
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	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	0.580	305	2782	35.4	304	2			
Comments	In Good Range	Excellent	Good	Excellent	Excellent				
Expected Range	Low	15	100	15	100				
	High	0.85	25	3000	25	300			
		Protozoa Numbers/g		Total Nematodes #/g	Percent Mycorrhizal Colonization				
		Flagellates	Amoebae		Ciliates	ENDO	ECTO		
Results	54671	79576	1437	Not Ordered	Not Ordered	Not Ordered			
Comments	High	High	High						
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	0.11	0.12	0.11	0.12	200+				
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: In Good Range

Active Bacteria: Excellent

Total Bacteria: In Good Range

Active Fungi: Excellent

Total Fungi: Excellent

Hyphal Diameter: Actinobacteria predominate; not true fungi. May inhibit growth of mycorrhizal fungi.

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:

Mycorrhizal Col.:

TF/TB: Bacterial dominated compost

AF/TF: Nearly mature

AB/TB: Nearly 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:

12 weeks compost from 70% greenwaste/ 30% chicken manure, reached 134 to 154 for 3 weeks, water added by winter rain, turned 9x, for Lawn, garden, house plantst, Smell: mild.

Total Fungi: Little fungal diversity.