



Compost Tea Foodweb Analysis

Report prepared for:

Flowerfield Enterprises
Nancy Essex
10332 Shaver Rd
Portage, MI 49024-6744 USA
(269) 327-7009
nancy@wormwoman.com

Report Sent: 11/1/2007
Sample#: 01-104819 | Submission:01-018435
Unique ID: #1
Plant:
Invoice Number: 0
Sample Received: 10/23/2007

For interpretation of this report please contact:
Local Advisor: or regional lab
Soil Foodweb Oregon
info@oregonfoodweb.com
(541) 752-5066
Consulting fees may apply

Organism Biomass Data	Tea Volume	Active Bacterial (µg/mL)	Total Bacterial (µg/mL)	Active Fungal (µg/mL)	Total Fungal (µg/mL)	Hyphal Diameter (µm)
Results	1	65.3	3392	2.95	13.2	3
Comments		Good	Excellent	Good	Good	
Expected Range	Low	10	150	2	2	
	High	150	3000	10	20	

Nematodes per MI of Tea Classified by type and identified to genus. (If section is blank, no nematodes identified.)		
Bacterial Feeders		
Panagrolaimus		0.005
Rhabditidae		0.02
Fungal/Root Feeders		
Aphelenchus		0.005

	Protozoa (Numbers/g)			Total Nematodes	Mycorrhizal Colonization (%)	
	Flagellates	Amoebae	Ciliates		ENDO	ECTO
Results	46	2772	13	0.03	Not Ordered	Not Ordered
Comments	Low	High	Low	Low		
Expected Range	Low	1000	1000	2		
	High		50	10		

Organism Biomass Ratios	Total Fungal to Tot.Bacterial	Active to Total Fungal	Active to Total Bacterial	Active Fungal to Act.Bacterial	Plant Available N Supply (lbs/ac)
Results	0.004	0.22	0.02	0.05	200+
Comments	Low	Good	Low	Low	
Expected Range	Low	0.01	0.1	0.1	
	High	0.1	0.25	1.1	

Flowerfield Enterprises
Nancy Essex
10332 Shaver Rd
Portage, MI 49024-6744 USA
(269) 327-7009
nancy@wormwoman.com

Report Sent: 11/1/2007
Sample#: 01-104819 | Submission:01-018435
Unique ID: #1
Plant:
Invoice Number: 0
Sample Received: 10/23/2007

For interpretation of this report please contact:
Local Advisor: or regional lab
Soil Foodweb Oregon
info@oregonfoodweb.com
(541) 752-5066
Consulting fees may apply

Dry Weight:

Active Bacteria: Activity in normal range for good compost tea

Total Bacteria: High biomass level suggests a bacterial bloom occurred during brewing

Active Fungi: Beneficial filamentous fungal activity and diversity in normal range

Total Fungi: Fungal biomass and diversity within typical range for compost tea.

Hyphal Diameter: Disease suppressive fungi were extracted.

Protozoa:

Total Nematodes: Nematodes either not present in compost, not extracted, or did not survive in tea.

Mycorrhizal Col.:

TF/TB: Bacterial biomass greater than fungal, but may still provide adequate fungal biomass. Check surfaces after application

AF/TF: Activity and total biomass both adequate for desired use

AB/TB: Activity adequate, high total bacterial biomass

AF/AB: Bacterial-dominated compost tea is becoming more bacterial; addition of foods for preferred dominance might speed balance.

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

Interpretation Comments:

No details provided, for application on turf. Arrived in 20oz btl, smelled nearly odorless Notes:
Actinobacterial Biomass = 0.58 ug/g
Some fungal diversity, hyphal dia 2.25-5.0 um, very diverse bacteria