



# Compost Foodweb Analysis

## Report prepared for:

Compostwerks LLC  
Peter Schmidt  
487 E. Main St Suite 160  
Mt. Kisko, New York 10549 U

Report Sent:  
Sample#: 03-009365 | Submission:03-004178  
Unique ID: Summer Batch  
Plant:

Invoice Number: 0  
Sample Received: 8/15/2012

[peter@compostwerks.com](mailto:peter@compostwerks.com)

For interpretation of this report please contact:

Local Advisor: or regional lab  
Soil Foodweb New York  
[soilfoodwebny@aol.com](mailto:soilfoodwebny@aol.com)  
631-750-1553

*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		
<b>Results</b>	0.470	71.8	1214	151	3086	3.5	Bacterial Feeders		
<b>Comments</b>	In Good Range	Excellent	Good	Excellent	Excellent		Acrobeloides		0.99
<b>Expected Range</b>	Low	15	100	15	100		Cephalobus		0.33
	High	0.85	25	3000	300		Diploscapter		0.44
							Protorhabditis		1.32
							Rhabditidae		0.44
		Protozoa Numbers/g		Total Nematodes #/g	Percent Mycorrhizal Colonization				
		Flagellates	Amoebae		Ciliates	ENDO	ECTO		
<b>Results</b>	123505	<b>5952</b>	298	<b>7.56</b>	Not Ordered	Not Ordered			
<b>Comments</b>	High	Low	High	Low					
<b>Expected Range</b>	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 (lbs/acre)				
<b>Results</b>	2.54	0.05	0.06	2.10	200+				
<b>Comments</b>	High	Good	Good	High					
<b>Expected Range</b>	Low	0.75	0.01	0.75					
	High	1.5	0.1	1.5					

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Dry Weight: Good moisture content.

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: Fungal activity above expected levels; fungal biomass will increase as long as nutrients are available.

Total Fungi: Fungal biomass above typical range for compost.

Hyphal Diameter: Mostly the more disease suppressive fungi present.

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

Total Nematodes: Low numbers, but good diversity of bacterial feeders. 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: Mature compost, meaning activity below 10%.

AB/TB: Mature compost, bacteria will not compete with plants for nutrients.

AF/AB: Fungal-dominated compost is becoming even more fungal than bacterial; addition of foods for preferred dominance might speed balance.

Nitrogen Supply: Very good boost in plant available N from predators.

Interpretation Comments:

Compost age 6 months, compost from pre-consumer veggies, leaves, chips, reached 140. For use with tea brewing