Soil Foodweb Report

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August 29, 2018

"Dedicated to promote peace, harmony, and dignity amongst all living things."

Sample Name: 2018 B
Sample Type: Compost Tea
Plants Present/Desired: Green Beans

Beneficial Microorganisms	**Recommened Range**	**Sample Results**	= Standard Deviation
Bacteria (ug/g)	300 - 1,000	<1	Low: The bacterial biomass did not meet the minimum recommended range for your types of plants. Need to replenish.
		<1	
Actinobacteria (ug/g)	1 - 6	0.0	None detected: A certain amount of actinobacteria is needed for your types of plants.
		0.0	
Fungi (ug/g)	150 - 500	0	None detected: The beneficial fungal biomass does not meet the minimum of the recommended range. Need to replenish and enhance.
		0	
F:B Ratio	0.5:1 – 0.8:1	0.00	Low: The bacterial and beneficial fungal biomass needs to be replenished in order to bring up the F:B ratio to the desired range for your types of plants.
	Minimum Value		
Protozoa ***(Total)***	>50,000	13,000	Low: Bacteria is the main source of food for protozoa. Protozoa help to keep the bacterial biomass within in range and to release nutrients into plant available forms by consuming the bacteria. Need to replenish.
Flagellate (#/g)	*(See Total)*	13,000	
		10,900	
Amoebae (#/g)	*(See Total)*	0	
		0	
Nematodes			
Bacterial-feeding (#/g)	100	0	None detected: Bacteria-feeding nematodes help keep bacteria populations in balance. Need to replenish.
Fungal-feeding (#/g)	10	0	None detected: Fungal-feeding nematodes help to release nutrients from fungal hyphae to the plants. Need to replenish.
Predatory (#/g)	1	0	None detected: Need to replenish.
Detrimental Microorganisms	**Maximum Value**		
Disease-Causing Fungi			
Oomycetes (ug/g)	0	0	None detected. No disease-causing fungi were observed in the sample. Great!
		0	
Anaerobic Protozoa			
Ciliate (#/g)	0	1,600	A few ciliates indicate that this material is becoming anaerobic. A healthy Soil Foodweb needs aerobic conditions.
		3,600	
Nematode			
Root-feeding (#/g)	0	0	None detected. No root-feeding nematodes were detected. Great!

Were any anaerobic indicating bacteria observed in the sample? No
Were any pathogenic bacteria observed in the sample? No

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