Soil Biology Report Performed By:

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CLEAR VIEW
REGENERATIVE
— FARMS & SERVICES —

Client:

Name: Pine Creek Farm

Organization:

Plainview MN

Email: pinecreekorganics@gmail.com

Date Observed: 09-24-2024

Sample Name: Plot #3 Treatment

Sample Type: Soil

Plants Present/Desired: Annuals

Plant Succession: Vegetables, Early Successional Grasses

Beneficial Microorganisms

	Recommended Range		Sample Results	
Fungi (ug/g)	68	225	98	Good: The fungal biomass is within the recommended range for your plant's stage in succession.
Standard Deviation			153	Few target organism were present and variability was very high. Precision is very low.
Bacteria (ug/g)	135	450	151	Good: The bacterial biomass is within the recommended range for your plant's stage in succession.
Standard Deviation			26	Distribution of the target organisms in the sample was uniform; variation was small.
Actinobacteria (ug/g)	10	16	0	Low: The actinobacterial biomass is below the expected range. This is not a problem.
Standard Deviation			0	Distribution of the target organisms in the sample was uniform; variation was small.
F:B Ratio	0.4:1	0.6:1	0.65	The F:B ratio is greater than the desired range. This might not be a problem. Please contact your Soil Biology Consultant.

	Minimum Value		
Protozoa (Total)	> 10,000	0	None detected: Please contact your Soil Biology Consultant.
Standard Deviation		0	Distribution of the target organisms in the sample was uniform; variation was small.
Flagellate (#/g)	(See Total)	0	
Standard Deviation		0	
Amoebae (#/g)	(See Total)	0	
Standard Deviation		0	

Nematodes			
Bacterial-feeding (#/g)	200	270	Good: Minimum numbers met.
Fungal-feeding (#/g)	0	0	None detected: Fungal-feeding nematodes help to release nutrients from fungal hyphae to the plants.
Predatory (#/g)	0	0	None detected: Predatory nematodes help reduce root-feeding nematode numbers.

Detrimental Microorganisms

Disease-Causing Fungi	Maximum Value	Sample Results	
Oomycetes (ug/g)	0	0	None detected: No disease-causing fungi were observed in the sample. Great!
Standard Deviation		0	Distribution of the target organisms in the sample was uniform; variation was small.

Anaerobic Protozoa			
Ciliate (#/g)	0	0	None detected: No ciliates were observed in the sample. Aerobic conditions prevail. Great!
Standard Deviation		0	Distribution of the target organisms in the sample was uniform; variation was small.

Nematode			
Root-feeding (#/g)	0	0	None detected: No root-feeding nematodes were observed. Great!

Additional Comments: