

Date of Scan:	1/14/26		FOV 1*	FOV 2	FOV 3*	FOV 4	FOV 5*	FOV 6	FOV 7*	FOV 8	FOV 9*	FOV 10							
Farm Name:	Little Farmhouse Flowers		Actinobacteria	none observed	one observed: .5 unit length, second: .1 length	none observed	none observed	none observed	two observed: both .1 unit length	.15 unit length	none observed	none observed	none observed						
Point of Contact:	Linda D'arco																		
Sample Name:	Drum Composter Compost		Fungal Spores (none, some, many spores)	none observed	none observed	one observed	none observed	one observed	two observed	two observed	two observed	two observed	one observed						
Collection Date:	1/10/26		fungal hyphae (unit length, microns in diameter, color)	none observed	none observed	none observed	none observed	one observed: brown in color, .08 unit length, 3 microns in diameter, another: brown in color, .05 unit length, 3 microns in diameter	none observed		one observed: light brown in color, .15 unit length, 2 microns in diameter	none observed	one observed: light brown, .09 unit length, 3 microns in diameter						
			Protozoa	12 cercozoa-like, one testate amoeba	4 observed	6 observed	12 observed	4 observed	5 observed	5 observed	three observed	four observed	two observed						
General Description of Physical Sample:	Very fibrous, which made it slightly difficult to get a good mount in the microscope slide. And slightly dry		Microarthropods	none observed	none observed	none observed	none observed	none observed	none observed	none observed	none observed	none observed	none observed						
Approximate Age of Compost:	unknown		Additional notes: sample had a fairly high mineral content, more than we normally observe in compost samples. Probably from the method of turning the compost (picking up soil with the tractor bucket).																
Nematode Scan:	none observed																		
Bacteria Scan:	a lot of bacteria observed (could be indicative of lack of higher order organisms)																		
Aggregation Scan																			
Micro Aggregation:	some observed																		
Macro Aggregation:	a couple observed																		
Summary:	Reasonably mature compost. Could be used right away, but because of how fibrous it is, it should be used as a top dressing. Additional aging (at appropriate moisture) would produce more stable organic material and would allow for a greater variety of organisms and for further fungal development. No pathogenic organisms observed.																		