

Compost Basic Results



Report prepared for:
 Watershed Ranch LLC
 Rick Bieterman
 18840 Mountain View Dr
 Buena Vista, CO 81211

Report Sent: 10/18/2023
 Sample # 01-138704
 Unique ID: Compost: Bioreactor
 (4 Months)
 Plant: N/A
 Sample Received: 10/13/2023

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For interpretation of this report, please contact your local Soil Steward or the lab.

Assay Name	Result	Range	Commentary
Compost Basic Results			
Moisture %	47.61	> 20	
pH	6.80	5.5 to 9	
Electrical Conductivity µS/cm	120.00	< 3000	
Aerobic Fungi µg/g	44.71	> 9	
Total Fungi µg/g	1572.92	> 900	
Aerobic Bacteria µg/g	6.56	< 30	
Total Bacteria µg/g	774.72	< 3000	
Total Fungi to Total Bacteria ratio	2.03	> 0.5	
Aerobic Fungi to Total Fungi ratio	0.03	> 0.01	
Aerobic Bacteria to Total Bacteria ratio	0.01	< 0.1	
Aerobic Fungi to Aerobic Bacteria ratio	6.81	> 0.5	
Protozoa			
Flagellates MPN/g	109816.11	> 100000	
Amoebae MPN/g	52919.24	> 100000	
Ciliates MPN/g	2910.69		
E.coli			
E. coli CFU/g	Not Ordered	< 800	
Application Uses			
Product	Quantity	Area	
Notes			

Nematode Detail



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Nematode Group and Genus	Result in #/g	Level	Notes
Total Nematodes	28.11	> 10	Good numbers, with some diversity. In compost Fungal/Root Feeders will be Fungal Feeders.
Bacterial Feeders	27.48		
Butlerius	3.47		
Cephalobus	0.16		
Cuticularia	0.32		
Eumonhystera	0.32		
Rhabditidae	23.22		
Fungal Feeders	0.00		
Fungal/Root Feeders	0.63		
Aphelenchoides	0.32		Foliar nematode
Ditylenchus	0.32		Stem & Bulb nematode
Predatory	0.00		
Root Feeders	0.00		