



Analyzed For
Job Number
Date Received
Sample Description

Jamie Leliever
7.382
June 3rd/2025
Biocomplete Compost - Corn

Target Range (low)	Results (ppm)	Target Range (low)	Target Range (high)	Low	Target	High
pH	7.68					
Microbial Respiration	189	100.00	200.00			
PLANT AVAILABLE NUTRIENTS						
Nitrate Nitrogen	166.00	158.60	171.60			
Ammonium Nitrogen	5.70	2	5			
Total Nitrogen	154.00	108	132			
Inorganic Phosphorus	57.80	46	60			
Potassium	937.79	350	420			
Calcium	80.15	352	430			
Magnesium	80.23	120	147			
Sodium	27.67	102.73	147.79			
Sulfur	190.57	86	105			
Zinc	0.87	4.99	6.09			
Manganese	2.05	2.21	2.00			
Iron	9.75	12.73	15.55			
Copper	0.26	0.24	0.30			
Boron	0.31	0.86	1.06			
Molybdenum	0.040	0.04	0.06			
Silicon	3.86	13.39	16.37			
Chloride	301.01	47.10	57.56			
ORGANIC FRACTIONS						
Lignin	1%					
Total Organic Carbon	208.00	200.0	400.0			
Root Exudate Nitrate Nitrogen	351.18	218.63	267.21			
Root Exudate Ammonium	21.00	28.49	34.83			
Total Organic Phosphorus	27.63	48.09	58.77			
Humic Acid (Oxidized)	0.19	1.00	2.50			
Fulvic Acid (Reduced)	0.20	2.50	3.50			

	Base Saturation	Target
K	66.9%	6-15
Mg	18.6%	20-25
Ca	11.1%	60-75
Na	3.3%	2-3
Mn ³⁺	22.5%	5-6
Fe	70.1%	45-55
Fe ³⁺	77.8%	55-60
Cu ²⁺	1.6%	1-2
Zn ²⁺	5.3%	3-4
Mo	0.50%	0.1-0.3