

COMPOST / AMENDMENT EVALUATION

Send To : Greenwaste-Zanker Landscape Materials 675 Los Esteros Road San Jose CA 95134	Project : Natural Mini Mulch	Report Number : 26-044-0018 Customer Number : 01002 Date printed : 02/18/2026 Date received : 02/13/2026 Page : 1 of 2 Lab Number : 80764
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Sample Id : **Natural Mini Mulch**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.36 %	37 ppm		0.1
NH ₄ -N		33 ppm		
NO ₃ -N		4 ppm		
Phosphorus (P)		45 ppm		0.1
Phosphorus (P ₂ O ₅)		103 ppm		
Potassium (K)		245 ppm	1.5 meq/L	0.4
Potassium (K ₂ O)		296 ppm		
Calcium (Ca)		2200 ppm	17.0 meq/L	1.9
Magnesium (Mg)		78 ppm	1.7 meq/L	0.3
Sodium (Na)			3.3 meq/L	
Sulfur (S)				
Sulfate (SO ₄)			20.4 meq/L	6.8
Chloride (Cl)				
Copper (Cu)		16.1 ppm		51.3
Zinc (Zn)		19 ppm		16.1
Manganese (Mn)		17 ppm		6.2
Iron (Fe)		4 ppm		0.3
Dilute Acid Fe		0.02 %		
Boron (B)			2.04 ppm	6.8

Test	Result
pH (sat paste)	5.3 s.u.
% Half Sat.	252
TEC	24 meq/kg
Qualitative Lime	None
Salinity (EC of sat ext.)	1.7 dS/m
SAR (Sodium adsorption ratio)	1.07
Sodium as % of ECe	17 %
Bulk Density - Dry	272 lbs/yd ³
Bulk Density - As Received	320 lbs/yd ³
Moisture - As Received	15.0 %
Organic	96.9 %
Weight of organic / yd ³	264 lbs/yd ³
Weight of mineral / yd ³	8 lbs/yd ³
C/N Ratio	161.2

Gradation	
Wt Percent Retained 1"	0.0 %
Wt Percent Retained 1/2"	0.0 %
Fraction Passing 1/2 inch Screen - Dry Weight Basis	
Screen Opening	% Passing
Passing 9.5mm	97.6 %
Passing 6.4mm (1/4")	90.7 %
Passing 4.75mm	76.3 %
Passing 2.36mm	21.5 %
Passing 1.00mm	1.9 %
Passing 0.50mm	0.7 %

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POTENTIAL RATE LIMIT FACTORS

Test	% Volume rate limit	Cubic yard amendment per 1000 sf to 6"								
		1	2	3	4	5	6	7	8	
		Volume % amendment blend with sandy loam								
		5	11	16	22	27	32	38	43	
EC sat. ext.	No Limit									
Sodium sol.	No Limit									
Chloride sol.										
Boron sol.	36 %									
NH ₄ -N	No Limit									
Available Nitrogen	No Limit									
PO ₄ P	No Limit									
Copper	8 %									
Zinc	25 %									

Rate limit estimates based on amending a non-problematic sandy loam

RELATIVE IMMEDIATE NUTRIENT AND ORGANIC VALUE

* Example Rate 8 %	Slight	Moderate	Abundant
Nitrogen			
Phosphorus			
Potassium			
Calcium			
Magnesium			
Copper			
Zinc			
Manganese			
Iron			
Sulfate			
Organic Matter			

* If no chemical characteristics are rate limiting, the example rate is based on organic content of the amendment (up to a max of 43%).