

COMPOST / AMENDMENT EVALUATION

Send To : Greenwaste-Zanker Landscape Materials 675 Los Esteros Road San Jose CA 95134	Project : Top Dress Blend	Report Number : 26-044-0033 Customer Number : 01002 Date printed : 02/18/2026 Date received : 02/13/2026 Page : 1 of 2 Lab Number : 80775
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Sample Id : **Top Dress Blend**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.56 %	409 ppm		3.3
NH ₄ -N		3 ppm		
NO ₃ -N		406 ppm		
Phosphorus (P)		147 ppm		2.0
Phosphorus (P ₂ O ₅)		337 ppm		
Potassium (K)		2851 ppm	25.8 meq/L	6.8
Potassium (K ₂ O)		3450 ppm		
Calcium (Ca)		3074 ppm	10.1 meq/L	0.7
Magnesium (Mg)		939 ppm	9.7 meq/L	1.5
Sodium (Na)			20.6 meq/L	
Sulfur (S)				
Sulfate (SO ₄)			7.0 meq/L	2.3
Chloride (Cl)				
Copper (Cu)		0.6 ppm		0.2
Zinc (Zn)		6 ppm		0.4
Manganese (Mn)		5 ppm		0.2
Iron (Fe)		71 ppm		0.5
Dilute Acid Fe		0.56 %		
Boron (B)			1.93 ppm	6.4

Test	Result
pH (sat paste)	7.0 s.u.
% Half Sat.	62
TEC	275 meq/kg
Qualitative Lime	Low
Salinity (EC of sat ext.)	6.6 dS/m
SAR (Sodium adsorption ratio)	6.54
Sodium as % of ECe	28 %
Bulk Density - Dry	824 lbs/yd ³
Bulk Density - As Received	1146 lbs/yd ³
Moisture - As Received	28.1 %
Organic	23.6 %
Weight of organic / yd ³	194 lbs/yd ³
Weight of mineral / yd ³	630 lbs/yd ³
C/N Ratio	25.2

Gradation	
Wt Percent Retained 1"	0.0 %
Wt Percent Retained 1/2"	1.4 %
Fraction Passing 1/2 inch Screen - Dry Weight Basis	
Screen Opening	% Passing
Passing 9.5mm	96.9 %
Passing 6.4mm (1/4")	93.6 %
Passing 4.75mm	91.0 %
Passing 2.36mm	78.9 %
Passing 1.00mm	55.7 %
Passing 0.50mm	34.4 %

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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.	38 %								
Sodium sol.	81 %								
Chloride sol.									
Boron sol.	43 %								
NH ₄ -N	No Limit								
Available									
Nitrogen	No Limit								
PO ₄ P	No Limit								
Copper	No Limit								
Zinc	No Limit								

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

RELATIVE IMMEDIATE NUTRIENT AND ORGANIC VALUE

* Example Rate 38 %	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%).