

COMPOST / AMENDMENT EVALUATION

Send To : Greenwaste-Zanker Landscape Materials 675 Los Esteros Road San Jose CA 95134	Project : Summer Blend	Report Number : 26-044-0032 Customer Number : 01002 Date printed : 02/19/2026 Date received : 02/13/2026 Page : 1 of 3 Lab Number : 80774
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Sample Id : **Summer Blend**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.7 %	68 ppm		0.9
NH ₄ -N		5 ppm		
NO ₃ -N		63 ppm		
Phosphorus (P)	0.08 %	60 ppm		1.3
Phosphorus (P ₂ O ₅)	0.18 %	137 ppm		
Potassium (K)	0.22 %	838 ppm	6.6 meq/L	3.1
Potassium (K ₂ O)	0.27 %	1014 ppm		
Calcium (Ca)	1.82 %	2647 ppm	15.8 meq/L	0.9
Magnesium (Mg)	0.99 %	621 ppm	11.5 meq/L	1.5
Sodium (Na)	0.06 %		11.9 meq/L	
Sulfur (S)	0.09 %			
Sulfate (SO ₄)			18.0 meq/L	6.0
Chloride (Cl)			15.5 meq/L	
Copper (Cu)	129 ppm	1.0 ppm		0.4
Zinc (Zn)	87.9 ppm	4 ppm		0.4
Manganese (Mn)	436 ppm	4 ppm		0.2
Iron (Fe)	26300 ppm	52 ppm		0.6
Dilute Acid Fe		0.35 %		
Boron (B)	42.7 ppm		0.68 ppm	2.3

Test	Result
pH (sat paste)	7.3 s.u.
% Half Sat.	39
TEC	187 meq/kg
Qualitative Lime	Low
Salinity (EC of sat ext.)	4.0 dS/m
SAR (Sodium adsorption ratio)	3.22
Sodium as % of ECe	27 %
Bulk Density - Dry	1054 lbs/yd ³
Bulk Density - As Received	1348 lbs/yd ³
Moisture - As Received	21.8 %
Organic	18.5 %
Weight of organic / yd ³	195 lbs/yd ³
Weight of mineral / yd ³	859 lbs/yd ³
C/N Ratio	15.8

Gradation	
Wt Percent Retained 1"	0.0 %
Wt Percent Retained 1/2"	1.0 %
Fraction Passing 1/2 inch Screen - Dry Weight Basis	
Screen Opening	% Passing
Passing 9.5mm	98.3 %
Passing 6.4mm (1/4")	94.4 %
Passing 4.75mm	90.0 %
Passing 2.36mm	73.3 %
Passing 1.00mm	48.0 %
Passing 0.50mm	27.8 %

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NUTRIENT SUMMARY

Test	Amount Per Cubic Yard		Amount Per Ton, As Rec'd		Available as a % Of Total
	Total	Available	Total	Available	
Nitrogen	7.38 lbs	0.07 lbs	10.95 lbs	0.11 lbs	1
Phosphorus (P)	0.87 lbs	0.06 lbs	1.29 lbs	0.09 lbs	7
Phosphorus (P ₂ O ₅)	1.99 lbs	0.14 lbs	2.96 lbs	0.21 lbs	7
Potassium (K)	2.31 lbs	0.88 lbs	3.43 lbs	1.31 lbs	38
Potassium (K ₂ O)	2.8 lbs	1.07 lbs	4.16 lbs	1.59 lbs	38
Calcium	19.2 lbs	2.79 lbs	28.49 lbs	4.14 lbs	15
Magnesium	10.38 lbs	0.65 lbs	15.41 lbs	0.97 lbs	6
Sulfur	1 lbs	0.24 lbs	1.48 lbs	0.35 lbs	24
Copper	2.18 ozs	0.02 ozs	3.23 ozs	0.03 ozs	1
Zinc	1.48 ozs	0.07 ozs	2.2 ozs	0.1 ozs	5
Manganese	7.35 ozs	0.07 ozs	10.91 ozs	0.11 ozs	1
Iron	443.52 ozs	0.88 ozs	658.13 ozs	1.3 ozs	0
Boron	0.72 ozs	0.01 ozs	1.07 ozs	0.01 ozs	1
Organic Matter	195 lbs		289 lbs		

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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.	67 %								
Sodium sol.	No Limit								
Chloride sol.	No Limit								
Boron sol.	No Limit								
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 43 %	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%).