

COMPOST / AMENDMENT EVALUATION

Send To : Greenwaste-Zanker Landscape Materials 675 Los Esteros Road San Jose CA 95134	Project : Planter Mix	Report Number : 26-044-0028 Customer Number : 01002 Date printed : 02/19/2026 Date received : 02/13/2026 Page : 1 of 3 Lab Number : 80772
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Sample Id : **Planter Mix**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.53 %	111 ppm		1.5
NH ₄ -N		43 ppm		
NO ₃ -N		68 ppm		
Phosphorus (P)	0.1 %	84 ppm		1.9
Phosphorus (P ₂ O ₅)	0.23 %	192 ppm		
Potassium (K)	0.27 %	1400 ppm	9.1 meq/L	3.9
Potassium (K ₂ O)	0.33 %	1694 ppm		
Calcium (Ca)	2.21 %	3606 ppm	10.2 meq/L	0.8
Magnesium (Mg)	1.26 %	804 ppm	8.2 meq/L	1.3
Sodium (Na)	0.08 %		16.1 meq/L	
Sulfur (S)	0.06 %			
Sulfate (SO ₄)			5.3 meq/L	1.8
Chloride (Cl)			22.6 meq/L	
Copper (Cu)	95.7 ppm	1.9 ppm		0.5
Zinc (Zn)	92.2 ppm	6 ppm		0.4
Manganese (Mn)	466 ppm	25 ppm		0.8
Iron (Fe)	29800 ppm	74 ppm		0.5
Dilute Acid Fe		0.57 %		
Boron (B)	49.5 ppm		1.35 ppm	4.5

Test	Result
pH (sat paste)	7.3 s.u.
% Half Sat.	37
TEC	286 meq/kg
Qualitative Lime	Medium
Salinity (EC of sat ext.)	4.1 dS/m
SAR (Sodium adsorption ratio)	5.32
Sodium as % of ECe	35 %
Bulk Density - Dry	1088 lbs/yd ³
Bulk Density - As Received	1348 lbs/yd ³
Moisture - As Received	19.3 %
Organic	18.4 %
Weight of organic / yd ³	200 lbs/yd ³
Weight of mineral / yd ³	888 lbs/yd ³
C/N Ratio	20.8

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	100.0 %
Passing 6.4mm (1/4")	95.8 %
Passing 4.75mm	92.6 %
Passing 2.36mm	75.6 %
Passing 1.00mm	52.0 %
Passing 0.50mm	32.7 %

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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	5.77	lbs	0.12	lbs	8.55	lbs	0.18	lbs	2
Phosphorus (P)	1.1	lbs	0.09	lbs	1.63	lbs	0.14	lbs	9
Phosphorus (P ₂ O ₅)	2.52	lbs	0.21	lbs	3.74	lbs	0.31	lbs	8
Potassium (K)	2.97	lbs	1.52	lbs	4.41	lbs	2.26	lbs	51
Potassium (K ₂ O)	3.6	lbs	1.84	lbs	5.34	lbs	2.73	lbs	51
Calcium	24.02	lbs	3.92	lbs	35.64	lbs	5.82	lbs	16
Magnesium	13.71	lbs	0.87	lbs	20.34	lbs	1.3	lbs	6
Sulfur	0.7	lbs	0.07	lbs	1.04	lbs	0.1	lbs	10
Copper	1.67	ozs	0.03	ozs	2.47	ozs	0.05	ozs	2
Zinc	1.61	ozs	0.11	ozs	2.38	ozs	0.16	ozs	7
Manganese	8.11	ozs	0.44	ozs	12.03	ozs	0.65	ozs	5
Iron	518.76	ozs	1.29	ozs	769.56	ozs	1.91	ozs	0
Boron	0.86	ozs	0.02	ozs	1.28	ozs	0.03	ozs	2
Organic Matter	200	lbs			297	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.	66 %								
Sodium sol.	No Limit								
Chloride sol.	80 %								
Boron sol.	67 %								
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%).