

COMPOST / AMENDMENT EVALUATION

Send To : Greenwaste-Zanker Landscape Materials 675 Los Esteros Road San Jose CA 95134	Project : Black Mini Mulch	Report Number : 26-044-0012 Customer Number : 01002 Date printed : 02/18/2026 Date received : 02/13/2026 Page : 1 of 2 Lab Number : 80758
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Sample Id : **Black Mini Mulch**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.48 %	0 ppm		0
NH ₄ -N		0 ppm		
NO ₃ -N		0 ppm		
Phosphorus (P)		112 ppm		0.4
Phosphorus (P ₂ O ₅)		256 ppm		
Potassium (K)		416 ppm	1.6 meq/L	0.6
Potassium (K ₂ O)		503 ppm		
Calcium (Ca)		2908 ppm	15.5 meq/L	1.4
Magnesium (Mg)		235 ppm	2.2 meq/L	0.6
Sodium (Na)			4.4 meq/L	
Sulfur (S)				
Sulfate (SO ₄)			23.1 meq/L	7.7
Chloride (Cl)				
Copper (Cu)		2.2 ppm		2.1
Zinc (Zn)		20 ppm		5.1
Manganese (Mn)		18 ppm		2.0
Iron (Fe)		22 ppm		0.6
Dilute Acid Fe		0.12 %		
Boron (B)			0.90 ppm	3.0

Test	Result
pH (sat paste)	6.5 s.u.
% Half Sat.	255
TEC	79 meq/kg
Qualitative Lime	Low
Salinity (EC of sat ext.)	1.9 dS/m
SAR (Sodium adsorption ratio)	1.48
Sodium as % of ECe	21 %
Bulk Density - Dry	279 lbs/yd ³
Bulk Density - As Received	556 lbs/yd ³
Moisture - As Received	49.8 %
Organic	91.4 %
Weight of organic / yd ³	255 lbs/yd ³
Weight of mineral / yd ³	24 lbs/yd ³
C/N Ratio	114.0

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")	89.9 %
Passing 4.75mm	77.8 %
Passing 2.36mm	34.7 %
Passing 1.00mm	10.1 %
Passing 0.50mm	4.0 %

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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.	82 %								
NH ₄ -N									
Available Nitrogen									
PO ₄ P	No Limit								
Copper	No Limit								
Zinc	78 %								

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%).