Waypoint ANALYTICAL

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COMPOST / AMENDMENT EVALUATION

Send To :
Greenwaste-Zanker Landscape Materials
675 Los Esteros Road
San Jose CA 95134

Project :
Dark Brown Mulch

Report Number : **26-044-0013**
Customer Number : 01002
Date printed : 02/18/2026
Date received : 02/13/2026
Page : 1 of 2
Lab Number : 80759

Sample Id : **Dark Brown Mulch**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.47 %	0 ppm		0
NH_4-N		0 ppm		
NO_3-N		0 ppm		
Phosphorus (P)		65 ppm		0.3
Phosphorus (P_2O_5)		149 ppm		
Potassium (K)		179 ppm	1.0 meq/L	0.3
Potassium (K_2O)		217 ppm		
Calcium (Ca)		775 ppm	5.3 meq/L	0.8
Magnesium (Mg)		77 ppm	0.9 meq/L	0.4
Sodium (Na)			2.3 meq/L	
Sulfur (S)				
Sulfate (SO_4)			7.7 meq/L	2.6
Chloride (Cl)				
Copper (Cu)		1.8 ppm		6.7
Zinc (Zn)		5 ppm		4.7
Manganese (Mn)		11 ppm		4.8
Iron (Fe)		200 ppm		20.3
Dilute Acid Fe		0.02 %		
Boron (B)			1.21 ppm	4.0

Test	Result
pH (sat paste)	5.8 s.u.
% Half Sat.	210
TEC	20 meq/kg
Qualitative Lime	None
Salinity (EC of sat ext.)	0.9 dS/m
SAR (Sodium adsorption ratio)	1.31
Sodium as % of ECe	24 %
Bulk Density - Dry	264 lbs/yd³
Bulk Density - As Received	421 lbs/yd³
Moisture - As Received	37.4 %
Organic	96.8 %
Weight of organic / yd³	255 lbs/yd³
Weight of mineral / yd³	8 lbs/yd³
C/N Ratio	123.3

Gradation	
Wt Percent Retained 1"	0.0 %
Wt Percent Retained 1/2"	31.9 %

Fraction Passing 1/2 inch Screen - Dry Weight Basis	
Screen Opening	% Passing
Passing 9.5mm	47.5 %
Passing 6.4mm (1/4")	14.9 %
Passing 4.75mm	6.9 %
Passing 2.36mm	3.0 %
Passing 1.00mm	2.0 %
Passing 0.50mm	2.0 %

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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.	62 %	
NH_4 -N		
Available		
Nitrogen		
PO_4 P	No Limit	
Copper	60 %	
Zinc	85 %	

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%).