

Soil Texture Determination

by Hydrometer Method

Client #: 4000

Lab #: 68244

Client: Second Nature Compost

Corey DeBoest

8449 Nelson Rd

San Antonio, TX 78252

Field: Nelson Rd Plant

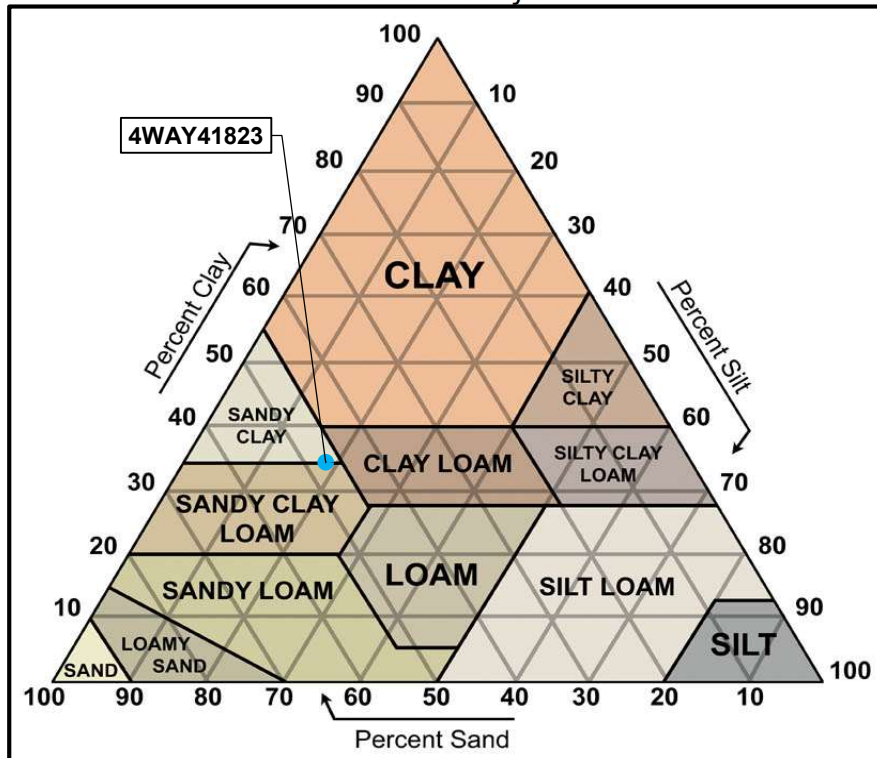


SECOND NATURE
COMPOST | SOIL | MULCH

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Date: April 19, 2023

U.S.D.A Classification



Sample ID: 4WAY41823	% Sand	% Clay	% Silt	Texture	Class
Lab #: 68244	47	34	19	Sandy Clay Loam	III

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Soil Analysis Report

**Mehlich-3 Extraction
Available Nutrients**

Client No: 4000

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Customer: Corey DeBoest
Representative: Second Nature Compost
Field: Nelson Rd Plant

Lab No: 68244
Date: April 19, 2023

Available Nutrient Analysis							
Lab No.	68244						
Sample ID	4WAY41823						
Nitrate-Nitrogen (NO ₃ -N)	47.98						
Mehlich III Extraction - parts per million							
Phosphorous	132.86						
Potassium	615						
Sodium	64						
Calcium	9991						
Magnesium	264						
Sulfur - S-SO ₄	193						
Zinc	40.17						
Iron	54.17						
Manganese	91.36						
Copper	0.90						
Physical Parameters							
Solvita (Maturity Index)	4						
Sieve - 5/8" % Passing	100.00						
- 3/8 " % Passing	100.00						
E.C. (mmhos/cm)	0.31						
pH (STD Unit)	7.78						
Plastic (%)	0.00						
Glass (%)	0.00						
Metals (%)	0.00						

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Soil Analysis Report

Complete Nutrient Analysis
Landscapers Package



SECONDNATURE
COMPOST | SOIL | MULCH

Client No: 4000

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Customer: Second Nature Compost

Address: 8449 Nelson Rd

San Antonio, TX 78252

Page No: 3 of 3

Date: April 19, 2023

Sample ID: 4WAY41823

Variable Measured	As Sent	Dry Wt.	gals/ton
Moisture (%)	10.82	!!!!!!!	
Dry Matter (%)	89.18	!!!!!!!	
Variable Measured	As Sent	Dry Wt.	lbs/ton as sent
Organic Matter - LOI @ 360C	3.33	3.73	66.53
Organic Carbon - LOI @ 360C	1.66	1.87	33.26
Carbon: Nitrogen (C:N) Ratio	17.11:1	17.11:1	
Nitrogen (%N)	0.10	0.11	2.18
Phosphorous (%P)	0.07	0.08	1.65
Total Phosphate(% P ₂ O ₅)	0.17	0.19	3.78
Phosphate (ppm PO ₄)	696	780	1.56
Potassium (% K)	0.83	0.93	18.53
Total Potash(% K ₂ O)	1.00	1.12	22.33
Sodium (% Na)	0.02	0.02	0.41
Calcium (% Ca)	7.38	8.27	165.44
Magnesium (% Mg)	0.51	0.57	11.39
Zinc (ppm Zn)	194	218	0.44
Iron (ppm Fe)	19021	21329	42.66
Manganese (ppm Mn)	303	340	0.68
Copper (ppm Cu)	13	15	0.03
Boron (ppm B)	113	127	0.25
Sulfur (% S)	0.10	0.11	2.30
Physical Parameters			
Solvita Maturity Index	4		
Sieve - 5/8" % passing	100.00		
- 3/8" % passing	100.00		
E.C. (mmhos/cm)	0.31		
pH (STD Unit)	7.78		
Plastic (%)	0.00		
Glass (%)	0.00		
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