



Account No. : 4

Compost (TMECC) Analysis Report

Invoice No. : 1105345
 Date Received : 05/03/2018
 Date Analyzed: 05/04/2018

Lab No. : 8010

Results For : CUSTOMER
 Sample ID : QUALITY EVALUATION

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	2.40	1.08	47.9	21.6	5.4
Ammonium, % N	0.195	0.0880	3.9	1.8	1.7
Nitrate, % N	0.009	0.0040	0.2	0.1	0.1
Total N, % N	2.60	1.17	52.0	23.4	7.1
Phosphorus, % P ₂ O ₅	0.90	0.40	18.0	8.1	5.7
Potassium, % K ₂ O	2.58	1.16	51.6	23.2	20.9
Sulfur, % S	0.31	0.14	6.1	2.8	1.1
Calcium, % Ca	1.04	0.47	20.8	9.4	6.6
Magnesium, % Mg	0.36	0.16	7.2	3.3	2.3
Sodium, % Na	0.02	0.01	0.3	0.1	0.1
Sodium Adsorption Ratio (SAR)	0.34				
Zinc, ppm Zn	55.6	25.0	0.1	0.1	0.0
Iron, ppm Fe	98.8	44.5	0.2	0.1	0.1
Manganese, ppm Mn	72.4	32.6	0.1	0.1	0.0
Copper, ppm Cu	16.5	7.4	0.0	0.0	0.0
Aluminum, ppm Al	43.9	19.8	0.1	0.0	0.0
Boron, ppm B	33.4	15.0	0.1	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		1.23			
pH		6.8			
Moisture, %	55.01				
Dry Matter (TS), %	44.99				
Ash, %	55.00	24.74			
Organic Matter LOI 550C, %	45.00	20.25			
Organic Carbon, %	26.10	11.74			
Organic C:N Ratio	10.0				
Bulk Density, lbs / cubic foot		36			

W.R. Rohrer - AgroLab Inc.

7/13/2021

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Compost (TMECC) Analysis Report

ROHRER, WILLIAM
EZY RANCH INC
11591 GREGG RD
DENTON MD 21629

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	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				
STA Pathogen Screen		Pass			
Respiration mg CO ₂ -C/g OM/day	2.5				
Compost Respiration Stability Index		Stable			
Respiration mg CO ₂ -C/g TS/day	5.0				
Compost Respiration Stability Index		Stable			
Maturity Indicator by Germination					
Emergence %		100			
Maturity		Very Mature			
Seedling Vigor %		96			
Maturity		Very Mature			

"<" - Not Detected / Below Detection Limit

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
	12.5 mm	0.0	100.0
	9.5 mm	2.2	97.8
	No.10 (2 mm)	69.6	28.2
	No.18 (1 mm)	26.1	2.1
	Pan	2.2	0.0

Note: The available first year Ammonium-N is calculated based on maximum availability, or incorporation within 24 hours. Advise a nutrient consultant for adjustments beyond 24 hr incorporation.