



Account No. : 4325

Compost (TMECC) Analysis Report

**KING, PATRICIA  
6 KINGS FARM LLC  
23160 BETHEL RD  
FRANKFORD**

**DE**

**19945**

**Invoice No. : 1151060  
Date Received : 05/23/2024  
Date Analyzed: 05/24/2024**

**Lab No. : 1161**

**Results For : COMPOST  
Sample ID : WOOL4SOIL**

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	9.51	8.78	190.1	175.5	43.9
Ammonium, % N	0.004	0.0040	0.1	0.1	0.1
Nitrate, % N	0.004	0.0040	0.1	0.1	0.1
Total N, % N	9.51	8.78	190.3	175.6	44.0
Phosphorus, % P <sub>2</sub> O <sub>5</sub>	0.44	0.41	8.8	8.1	5.7
Potassium, % K <sub>2</sub> O	4.52	4.17	90.3	83.4	75.0
Sulfur, % S	1.79	1.65	35.8	33.1	13.2
Calcium, % Ca	0.46	0.42	9.2	8.5	5.9
Magnesium, % Mg	0.16	0.15	3.2	3.0	2.1
Sodium, % Na	0.16	0.15	3.2	2.9	2.9
Sodium Adsorption Ratio (SAR)	5.13				
Zinc, ppm Zn	127.5	117.7	0.3	0.2	0.2
Iron, ppm Fe	917.9	847.2	1.8	1.7	1.2
Manganese, ppm Mn	60.2	55.6	0.1	0.1	0.1
Copper, ppm Cu	54.1	49.9	0.1	0.1	0.1
Aluminum, ppm Al	1086.8	1003.1	2.2	2.0	1.4
Boron, ppm B	7.2	6.6	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		9.88			
pH		9.0			
Moisture, %	7.70				
Dry Matter (TS), %	92.30				
Ash, %	14.37	13.26			
Organic Matter LOI 550C, %	85.63	79.04			
Organic Carbon, %	49.67	45.85			
Organic C:N Ratio	5.2				
Bulk Density, lbs / cubic foot		39			

L.D. Severson - AgroLab/Matrix Sciences Inc

5/24/2024

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Page 1 of 2

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Harrington, DE 19952**



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			Dry Basis	As Is Basis	

**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.