



# US Composting Council

## Seal of Testing Assurance®

Ulster County Resource Recovery Agency

Product – Grow Ulster Green Compost, Tested once every three months

[www.ucrra.org](http://www.ucrra.org)

999 Flatbush Road

Kingston, New York 12401

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(845) 336-0600

Sample Date: 20250715 UCRRA Finished Compost July 2025

## Compost Technical Data Sheet

Compost Parameters	Reported as	Test Results
pH		8.3
Soluble salts	dS/m (mmhos/cm)	4.57
Primary plant nutrients	%, dry weight basis	
Nitrogen	Total N	2.53
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.93
Potassium	K <sub>2</sub> O	1.11
Calcium	Ca	5.01
Magnesium	Mg	0.40
Moisture content	%, wet weight basis	42.12
Organic matter content	%, dry weight basis	62.65
Particle size	Screen size passing through	99.9% passing 9.5 mm
Stability (respirometry)	mg CO <sub>2</sub> -C per g TS per day mg CO <sub>2</sub> -C per g OM per day	0.2 0.2
Maturity (Bioassay)		
Percent emergence	% (average)	93
Relative seedling vigor	% (average)	100
Select Pathogens	PASS/FAIL (Per US EPA Class A standards, 40 CFR § 503.32(a))	PASS
Trace metals	PASS/FAIL (Per US EPA standards, 40 CFR § 503.13, Table 3)	PASS

Participants in the United States Composting Council's Seal of Testing Compliance Program have shown the commitment to test their compost products on a prescribed basis, and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.

This compost product has been sampled and tested as required by the Seal of Testing Assurance Program on the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. Test results are available upon request by contacting the compost producer (address at top of page). The USCC makes no warranties regarding this product or its content, quality, or suitability for any particular use. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis.



Account No. : 1985

## Compost (TMECC) Analysis Report

**BRANDT, ANGELINA**  
**ULSTER COUNTY RESOURCE RECOVERY AG**  
**999 FLATBUSH ROAD**  
**KINGSTON NY 12402**

Invoice No. : 1159319  
 Date Received : 07/14/2025  
 Date Analyzed: 07/15/2025

Lab No. : 3238

Results For : PO 17433

Sample ID : Verra Finished Compost Pile  
 UCRRA

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	2.47	1.43	49.4	28.6	7.1
Ammonium, % N	0.056	0.0320	1.1	0.7	0.6
Nitrate, % N	0.003	0.0020	0.1	0.0	0.0
Total N, % N	2.53	1.46	50.6	29.3	7.8
Phosphorus, % P <sub>2</sub> O <sub>5</sub>	0.93	0.54	18.5	10.7	7.5
Potassium, % K <sub>2</sub> O	1.11	0.64	22.3	12.9	11.6
Sulfur, % S	0.32	0.19	6.5	3.8	1.5
Calcium, % Ca	5.01	2.90	100.1	58.0	40.6
Magnesium, % Mg	0.40	0.23	7.9	4.6	3.2
Sodium, % Na	0.26	0.15	5.3	3.1	3.1
Sodium Adsorption Ratio (SAR)	3.04				
Iron, ppm Fe	10549.8	6106.2	21.1	12.2	8.5
Manganese, ppm Mn	360.3	208.5	0.7	0.4	0.3
Aluminum, ppm Al	3582.2	2073.4	7.2	4.1	2.9
Boron, ppm B	4.6	2.7	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		4.57			
pH		8.3			
Moisture, %	42.12				
Dry Matter (TS), %	57.88				
Ash, %	37.35	21.62			
Organic Matter LOI 550C, %	62.65	36.26			
Organic Carbon, %	36.34	21.03			
Organic C:N Ratio	14.4				
Bulk Density, lbs / cubic foot		34			
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				

L.D. Severson - AgroLab/Matrix Sciences Inc

7/31/2025

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Account No. : 1985

## Compost (TMECC) Analysis Report

**BRANDT, ANGELINA**  
**ULSTER COUNTY RESOURCE RECOVERY AG**  
**999 FLATBUSH ROAD**  
**KINGSTON NY 12402**

**Invoice No. : 1159319**  
**Date Received : 07/14/2025**  
**Date Analyzed: 07/15/2025**

**Lab No. : 3238**

**Results For : PO 17433**

**Sample ID : Verra Finished Compost Pile**  
**UCRRA**

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
STA Pathogen Screen		Pass			
Respiration mg CO <sub>2</sub> -C/g OM/day	0.2				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO <sub>2</sub> -C/g TS/day	0.2				
Compost Respiration Stability Index		Very Stable			
Maturity Indicator by Germination					
Emergence %		93			
Maturity		Very Mature			
Seedling Vigor %		100			
Maturity		Very Mature			

"<" - Not Detected / Below Detection Limit

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
	25 mm	0.0	100.0
	9.5 mm	0.1	99.9
	No.10 (2 mm)	30.9	69.0
	No.18 (1 mm)	20.0	49.0
	Pan	49.0	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.



Account No. : 1985

## Environmental Sample Analysis Report

**BRANDT, ANGELINA**  
**ULSTER COUNTY RESOURCE RECOVERY AG**  
**999 FLATBUSH ROAD**  
**KINGSTON NY 12402**

**Invoice No. : 1159320**  
**Date Received : 07/14/2025**  
**Date Analyzed: 07/15/2025**

**Lab No. : 3305**

**Results For : PO 17433**

**Sample ID : UCRRA 7 10 25**

**Description :**

	<b>Analysis</b>		<b>EPA Method Number</b>	<b>Lab. Tech.</b>	<b>Detection Limit</b>
	<b>Solid: Dry Wgt</b>	<b>Liquid: As Rcvd</b>			
Arsenic As, mg/kg	3.26		3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.33		3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	14.16		3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	34.56		3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	2.53		3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	8.21		3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	19.74		3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	< 0.01		3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	120.57		3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.007		7473	L.D.S	0.01

<b>Microbiological Screening</b>	<b>Count</b>	<b>Method</b>	<b>Detection Limit</b>
Salmonella MPN of CFU/4g	Not Detected	L. Flow ATEC 13076	Pos/Neg/4g dry wgt

"<" - Not Detected / Below Detection Limit