



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

999 Flatbush Road

Kingston, New York 12401

Contact – Angelina Brandt

apeo@ucrra.org

(845) 336-0600

Sample Date: 20230912 Finished Screened Compost Pile Sept 2023

Compost Technical Data Sheet

Compost Parameters	Reported as	Test Results
pH		8.4
Soluble salts	dS/m (mmhos/cm)	2.98
Primary plant nutrients	%, dry weight basis	
Nitrogen	Total N	1.86
Phosphorus	P ₂ O ₅	0.66
Potassium	K ₂ O	0.88
Calcium	Ca	5.12
Magnesium	Mg	0.39
Moisture content	%, wet weight basis	55.68
Organic matter content	%, dry weight basis	46.80
Particle size	Screen size passing through	97.8% passing 9.5 mm
Stability (respirometry)	mg CO ₂ -C per g TS per day mg CO ₂ -C per g OM per day	1.4 1.2
Maturity (Bioassay)		
Percent emergence	% (average)	100
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
P.O. BOX 6219
KINGSTON NY 12402

Invoice No. : 1145454
 Date Received : 09/11/2023
 Date Analyzed: 09/12/2023

Lab No. : 4229

Results For : UCCRA
 Sample ID : FINISHED SCREENED COMPOST PILE
 09 07 23

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	1.80	0.80	36.0	15.9	4.0
Ammonium, % N	0.061	0.0270	1.2	0.5	0.5
Nitrate, % N	< 0.001	0.0000	0.0	0.0	0.0
Total N, % N	1.86	0.82	37.2	16.5	4.5
Phosphorus, % P ₂ O ₅	0.66	0.29	13.2	5.9	4.1
Potassium, % K ₂ O	0.88	0.39	17.6	7.8	7.0
Sulfur, % S	0.28	0.12	5.5	2.4	1.0
Calcium, % Ca	5.12	2.27	102.4	45.4	31.8
Magnesium, % Mg	0.39	0.17	7.7	3.4	2.4
Sodium, % Na	0.23	0.10	4.5	2.0	2.0
Sodium Adsorption Ratio (SAR)	2.59				
Iron, ppm Fe	9226.7	4089.3	18.5	8.2	5.7
Manganese, ppm Mn	339.2	150.3	0.7	0.3	0.2
Aluminum, ppm Al	3558.6	1577.2	7.1	3.2	2.2
Boron, ppm B	22.9	10.1	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		2.98			
pH		8.4			
Moisture, %	55.68				
Dry Matter (TS), %	44.32				
Ash, %	53.20	23.58			
Organic Matter LOI 550C, %	46.80	20.74			
Organic Carbon, %	27.14	12.03			
Organic C:N Ratio	14.6				
Bulk Density, lbs / cubic foot		33			
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				

W.R. Rohrer - AgroLab/Matrix Sciences Inc

10/17/2023

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Page 1 of 2

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 Harrington, DE 19952



Account No. : 1985

Environmental Sample Analysis Report

**BRANDT, ANGELINA
 ULSTER COUNTY RESOURCE RECOVERY AG
 P.O. BOX 6219
 KINGSTON NY 12402**

**Invoice No. : 1145457
 Date Received : 09/11/2023
 Date Analyzed: 09/12/2023**

Lab No. : 3490

**Results For : UCRRA
 Sample ID : FINISHED SCREENED COMPOST PILE
 Description : 09 07 2023**

**Analysis
 Solid: Dry Wgt
 Liquid: As Rcvd**

		EPA Method Number	Lab. Tech.	Detection Limit
Arsenic As, mg/kg	2.44	3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.85	3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	13.11	3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	37.53	3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	2.32	3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	12.42	3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	24.27	3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	0.05	3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	108.64	3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.008	7473	L.D.S	0.01

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



Account No. : 1985

Compost (TMECC) Analysis Report

BRANDT, ANGELINA
ULSTER COUNTY RESOURCE RECOVERY AG
P.O. BOX 6219
KINGSTON NY 12402

Invoice No. : 1145454
Date Received : 09/11/2023
Date Analyzed: 09/12/2023

Lab No. : 4229

Results For : UCCRA
Sample ID : FINISHED SCREENED COMPOST PILE
09 07 23

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
STA Pathogen Screen		Pass			
Respiration mg CO ₂ -C/g OM/day	1.2				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO ₂ -C/g TS/day	1.4				
Compost Respiration Stability Index		Very Stable			
Maturity Indicator by Germination					
Emergence %		100			
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	2.2	97.8
	No.10 (2 mm)	51.7	46.1
	No.18 (1 mm)	18.6	27.5
	Pan	27.4	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.