



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: 20230322 Finished Compost March 2023

Compost Technical Data Sheet

Compost Parameters	Reported as	Test Results
pH		8.7
Soluble salts	dS/m (mmhos/cm)	5.62
Primary plant nutrients	%, dry weight basis	
Nitrogen	Total N	1.19
Phosphorus	P ₂ O ₅	0.53
Potassium	K ₂ O	0.82
Calcium	Ca	6.15
Magnesium	Mg	2.50
Moisture content	%, wet weight basis	36.99
Organic matter content	%, dry weight basis	30.75
Particle size	Screen size passing through	98.1% passing 9.5 mm
Stability (respirometry)	mg CO ₂ -C per g TS per day	0.4
	mg CO ₂ -C per g OM per day	0.9
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

Environmental Sample Analysis Report

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

**Invoice No. : 1141135
 Date Received : 03/21/2023
 Date Analyzed: 03/22/2023**

Lab No. : 2389

Results For : 2023 QUARTALLT TESTING

Sample ID :

Description :

	Analysis		EPA Method Number	Lab. Tech.	Detection Limit
	Solid: Dry Wgt	Liquid: As Rcvd			
Arsenic As, mg/kg	10.01		3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	1.30		3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	44.55		3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	61.83		3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	3.27		3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	27.77		3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	44.63		3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	0.03		3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	157.74		3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.002		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. : 1141164
 Date Received : 03/21/2023
 Date Analyzed: 03/22/2023
 Lab No. : 3491

Results For : 2023 QUARTALLY TESTING
 Sample ID :

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	1.13	0.71	22.7	14.3	3.6
Ammonium, % N	0.055	0.0350	1.1	0.7	0.7
Nitrate, % N	0.002	0.0010	0.0	0.0	0.0
Total N, % N	1.19	0.75	23.8	15.0	4.3
Phosphorus, % P ₂ O ₅	0.53	0.33	10.7	6.7	4.7
Potassium, % K ₂ O	0.82	0.52	16.3	10.3	9.3
Sulfur, % S	0.30	0.19	6.1	3.8	1.5
Calcium, % Ca	6.15	3.88	122.9	77.4	54.2
Magnesium, % Mg	2.50	1.58	50.1	31.5	22.1
Sodium, % Na	0.41	0.26	8.3	5.2	5.2
Sodium Adsorption Ratio (SAR)	3.54				
Iron, ppm Fe	14472.8	9119.3	28.9	18.2	12.8
Manganese, ppm Mn	343.1	216.2	0.7	0.4	0.3
Aluminum, ppm Al	5570.1	3509.7	11.1	7.0	4.9
Boron, ppm B	120.4	75.9	0.2	0.2	0.2
Soluble Salts, (EC 1:5) dS/m		5.62			
pH		8.7			
Moisture, %	36.99				
Dry Matter (TS), %	63.01				
Ash, %	69.25	43.63			
Organic Matter LOI 550C, %	30.75	19.38			
Organic Carbon, %	17.84	11.24			
Organic C:N Ratio	15.0				
Bulk Density, lbs / cubic foot		58			
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				

W.R. Rohrer - AgroLab Inc.

4/14/2023

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 Harrington, DE 19952



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Results For : 2023 QUARTALLY TESTING

Sample ID :

Lbs / Ton		Analysis	Dry Basis	Analysis	Dry Basis	Analysis	Dry Basis	Analysis	Dry Basis	Available
		Pass		Pass		Pass		Pass		First Year

STA Pathogen Screen	Respiration mg CO ₂ -C/g OM/day	Compost Respiration Stability Index	Respiration mg CO ₂ -C/g TS/day	Compost Respiration Stability Index	Maturity Indicator by Germination	Emergence %	Maturity	Seedling Vigor %	Maturity	">" - Not Detected / Below Detection Limit
	0.9	Very Stable	0.4	Very Stable		100	Very Mature	100	Very Mature	

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
25 mm		0.0	100.0
9.5 mm		1.9	98.1
No.10 (2 mm)		37.9	60.2
No.18 (1 mm)		22.9	37.3
Pan		37.3	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.