Compost Technical Data Sheet

STA Certified™ COMPOST
A program of the US Composting Council

Contact Info

Product	Grow Ulster Green Compost
Company	Ulster County Resource Recovery Agency
Facility	Ulster County Resource Recovery Agency
Facility - Telephone	+1.8453360600
Facility - Location	999 FLATBUSH RD, KINGSTON, New York, 12401, United States of America
Lab Name	AgroLab Inc.
Lab - Location	101 Clukey Dr, Harrington, 19952, Delaware, United States of America
Date/Time Sample Mailed	2025-09-16 16:41:46 (UTC)
Date/Time Sample Received	2025-09-18 15:45:00 (UTC)
Date/Time Result Reported	2025-10-10 18:14:43 (UTC)

Customer, in order to guarantee that you are using the same product represented in this technical data sheet, check to make sure the product and manufacturer match this CTDS on the delivery ticket and invoice for your project. Click here to view the Product on the current list of STA Certified Compost Participants.

Test Results Excluding Nutrients

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Moisture Content	%	41.61	N/A	03.09-A
Organic Matter Content	%	43.59	74.65	05.07-A
pH	pH Units	8.10		04.11-A
Soluble Salts (electrical conductivity EC_5)	dS/m (mmhos/cm)	5.21		04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	N/A	99.60	02.02-B
Stability Indicator *(respirometry)*				
CO_2 Evolution	mg CO_2-C/g OM/day	N/A	0.70	05.08-B
Maturity Indicator *(bioassay)*				
Percent Emergence	average % of control	100.00		05.05-A
Relative Seedling Vigor	average % of control	100.00		05.05-A
Select Pathogen				
Fecal Coliform	MPN / gram	N/A		07.01-B
Salmonella	MPN / 4 grams	N/A	0.0 (PASS)[1]	07.01-B
Trace Metals	PASS[2]		As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn	04.06

[1] Per US EPA Class A standard, 40 CFR § 503.32(a)
[2] Per US EPA Class A standard, 40 CFR § 503.13

Directions For Product Use

Garden/Vegetable/Flower Beds: Dig or till garden bed to a depth of 6-8” and incorporate compost into the soil before planting. Or apply 1-2” of compost on top of the existing garden bed, rake smooth, or till it into the soil early Spring. Once plants are established, add 1-2” layer of compost around the base of each plant or over the entire garden bed as a course mulch to conserve moisture, suppress weeds, and for aesthetic purposes.

Mulching/Top Dressing: Remove any weeds or grass that may grow through the mulch. Incorporate 1-3” of compost over the entire area, or place around the base of each plant extending as far as its outermost leaves.

Tree/Shrub Plantings: Dig or till the soil to a minimum depth of 8-10” of the planting area, then incorporate compost (1 part) with the existing soil (2-3 parts). Apply compost as a topdressing to prevent weeds by spreading 2” around the base of the plant extending as far as its outermost leaves. Do not place mulch or compost directly against the bark of the base of the tree/shrub. Add more compost once a year.

Lawn Establishment: For new turf establishment, till to a depth of 6-8” and add up to 2” of compost to an existing soil base. Rake soil surface smooth. Top dress existing turfs with ¼-1/2” of finely textured compost.

Potting Mixes: Add compost with other soil amendments for container/potted plants. Compost should make up no more than 1/3 of the volume of a potting mix.

Note: The USCC will not assess whether or not, or to what extent, these directions are appropriate. It is the Compost Manufacturer's responsibility alone to ensure that they are.

Feedstock

This compost product is made from the following feedstock(s): Tree Trimmings, Food Scraps, Other, Compostable Products.

Test Results Including Nutrients

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Plant Nutrients				
Nitrogen	%	1.66	2.85	04.02-D
Phosphorus	%	0.73	1.25	04.03-A
Potassium	%	0.84	1.44	04.04-A
Calcium	Ca %	2.10	3.60	04.05-CA
Magnesium	Mg %	0.19	0.33	04.05-MG
Moisture Content	%	41.61	N/A	03.09-A
Organic Matter Content	%	43.59	74.65	05.07-A
pH	pH Units	8.10		04.11-A
Soluble Salts (electrical conductivity EC_5)	dS/m (mmhos/cm)	5.21		04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	N/A	99.60	02.02-B
Stability Indicator *(respirometry)*				
CO_2 Evolution	mg CO_2-C/g OM/day	N/A	0.70	05.08-B
Maturity Indicator *(bioassay)*				
Percent Emergence	average % of control	100.00		05.05-A
Relative Seedling Vigor	average % of control	100.00		05.05-A
Select Pathogen				
Fecal Coliform	MPN / gram	N/A		07.01-B
Salmonella	MPN / 4 grams	N/A	0.0 (PASS)[1]	07.01-B
Trace Metals	PASS[2]		As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn	04.06

[1] Per US EPA Class A standard, 40 CFR § 503.32(a)
[2] Per US EPA Class A standard, 40 CFR § 503.13

Supplemental Sheet

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Particle Size				
Particle Size - 2" (50.8 mm)	% passing	N/A		02.02-B
Particle Size - 1" (25.4 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 3/4" (19.05 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 5/8" (15.875 mm)	% passing	N/A		02.02-B
Particle Size - 1/2" (12.7 mm)	% passing	N/A	99.95	02.02-B
Particle Size - 3/8" (9.5 mm)	% passing	N/A	99.60	02.02-B
Particle Size - 1/4" (6.35 mm)	% passing	N/A	99.50	02.02-B
Particle Size - 1/8" (3.175 mm)	% passing	N/A		02.02-B
Contaminants				
Total Physical Contaminants	%	N/A	0.00	02.02-C
Film Plastic	%	N/A	0.00	02.02-C
Sharp Physical Contaminants	%	N/A	NOT DETECTED	02.02-C
Trace Metals				
Arsenic	As mg/Kg	N/A	2.6 (PASS)	04.06
Cadmium	Cd mg/Kg	N/A	0.4 (PASS)	04.06
Chromium	Cr mg/Kg	N/A	12.1	04.06
Copper	Cu mg/Kg	N/A	39.4 (PASS)	04.06
Lead	Pb mg/Kg	N/A	17.8 (PASS)	04.06
Mercury	Hg mg/Kg	N/A	0.0 (PASS)	04.06
Nickel	Ni mg/Kg	N/A	5.4 (PASS)	04.06
Selenium	Se mg/Kg	N/A	0.0 (PASS)	04.06
Zinc	Zn mg/Kg	N/A	103.1 (PASS)	04.06
Total Solids	%	58.39	N/A	03.09
C:N Ratio	ratio	15.20:1		05.02-A

[1] Per US EPA Class A standard, 40 CFR § 503.32(a)
[2] Per US EPA Class A standard, 40 CFR § 503.13

For additional information pertaining to compost use, the specific compost parameters tested for within the Seal of Testing Assurance Program, or the Program in general, log onto the US Composting Council's website at https://www.compostingcouncil.org.

Participants in the United States Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis,and provide this date, along with compost and 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 this Compost Technical Data Sheet). 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.

AgroLab
Serving Agriculture and Soil Fertility Professionals

Account No. : 1985

Compost (TMECC) Analysis Report

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

Invoice No. : 1160464
Date Received : 09/17/2025
Date Analyzed: 09/18/2025

Lab No. : 3576

Results For : ULSTER CO RES
Sample ID : 1

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton Dry Basis	Lbs / Ton As Is Basis	Lbs / Ton Available First Year
Organic N, % N	2.78	1.62	55.6	32.5	8.1
Ammonium, % N	0.070	0.0410	1.4	0.8	0.8
Nitrate, % N	0.002	0.0010	0.0	0.0	0.0
Total N, % N	2.85	1.66	57.1	33.3	8.9
Phosphorus, % P_2O_5	1.25	0.73	24.9	14.6	10.2
Potassium, % K_2O	1.44	0.84	28.8	16.8	15.1
Sulfur, % S	0.37	0.22	7.3	4.3	1.7
Calcium, % Ca	3.60	2.10	72.1	42.1	29.5
Magnesium, % Mg	0.33	0.19	6.7	3.9	2.7
Sodium, % Na	0.31	0.18	6.3	3.7	3.7
Sodium Adsorption Ratio (SAR)	4.25				
Iron, ppm Fe	9709.3	5669.3	19.4	11.3	7.9
Manganese, ppm Mn	274.0	160.0	0.5	0.3	0.2
Aluminum, ppm Al	2546.3	1486.8	5.1	3.0	2.1
Boron, ppm B	9.1	5.3	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		5.21			
pH		8.1			
Moisture, %	41.61				
Dry Matter (TS), %	58.39				
Ash, %	25.35	14.80			
Organic Matter LOI 550C, %	74.65	43.59			
Organic Carbon, %	43.30	25.28			
Organic C:N Ratio	15.2				
Bulk Density, lbs / cubic foot		26			
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				

Bus: 302/566-6094 **web site** **101 Clukey Dr.**
Email: admin@agrolab.us **www.agrolab.us** **Harrington, DE 19952**

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Compost (TMECC) Analysis Report

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

Invoice No. : 1160464
Date Received : 09/17/2025
Date Analyzed: 09/18/2025

Lab No. : 3576

Results For : ULSTER CO RES
Sample ID : 1

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton Dry Basis	Lbs / Ton As Is Basis	Lbs / Ton Available First Year
STA Pathogen Screen		Pass			
Respiration mg CO2-C/g OM/day	0.7				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO2-C/g TS/day	0.9				
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	0.4	99.6
	No.10 (2 mm)	48.1	51.5
	No.18 (1 mm)	20.8	30.7
	Pan	30.8	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.

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web site
www.agrolab.us
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Harrington, DE 19952

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Account No. : 1985

Environmental Sample Analysis Report

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

Invoice No. : 1160452
Date Received : 09/17/2025
Date Analyzed: 09/18/2025

Lab No. : 3585

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY
Sample ID : 1
Description :

	Analysis Solid: Dry Wgt Liquid: As Rcvd	EPA Method Number	Lab. Tech.	Detection Limit
Arsenic As, mg/kg	2.55	3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.35	3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	12.11	3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	39.38	3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	0.75	3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	5.38	3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	17.76	3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	0.02	3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	103.14	3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.006	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

Reviewed By : L.D. Severson - AgroLab/Matrix Sciences Inc **10/9/2025** **Copy : 1**

Bus: 302/566-6094
Email: admin@agrolab.us
web site
www.agrolab.us
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Harrington, DE 19952