



# Compost Technical Data Sheet

**STA Certified<sup>™</sup>**  
**COMPOST**

A program of the US Composting Council

## Contact Info

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| <b>Product</b>                   | Grow Ulster Green Compost                                            |
| <b>Company</b>                   | Ulster County Resource Recovery Agency                               |
| <b>Facility</b>                  | Ulster County Resource Recovery Agency                               |
| <b>Facility - Telephone</b>      | +1.8453360600                                                        |
| <b>Facility - Location</b>       | 999 FLATBUSH RD, KINGSTON, New York, 12401, United States of America |
| <b>Lab Name</b>                  | AgroLab Inc.                                                         |
| <b>Lab - Location</b>            | 101 Clukey Dr, Harrington, 19952, Delaware, United States of America |
| <b>Release - Time</b>            | 2026-06-23 09:30:00 (UTC)                                            |
| <b>Receive - Time</b>            | 2026-06-24 15:30:00 (UTC)                                            |
| <b>Date/Time Result Reported</b> | 2026-07-13 15:17:46 (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                                             | %                              | 37.26        | N/A                                | 03.09-A      |
| Organic Matter Content                                       | %                              | 35.57        | 56.69                              | 05.07-A      |
| pH                                                           | pH Units                       | 8.30         |                                    | 04.11-A      |
| Soluble Salts (electrical conductivity EC <sub>5</sub> )     | dS/m (mmhos/cm)                | 2.97         |                                    | 04.10-A      |
| Particle Size - 3/8" (9.5 mm)                                | % passing                      | N/A          | 99.00                              | 02.02-B      |
| Stability Indicator ( <i>respirometry</i> )                  |                                |              |                                    |              |
| CO <sub>2</sub> Evolution                                    | mg CO <sub>2</sub> -C/g OM/day | N/A          | 1.00                               | 05.08-B      |
| Maturity Indicator ( <i>bioassay</i> )                       |                                |              |                                    |              |
| 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) <sup>1</sup>            | 07.01-B      |
| Trace Metals                                                 | PASS <sup>2</sup>              |              | As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn | 04.06        |
| <sup>1</sup> Per US EPA Class A standard, 40 CFR § 503.32(a) |                                |              |                                    |              |
| <sup>2</sup> 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                                                     | %                              | 1.26         | 2.01                               | 04.02-D      |
| Phosphorus                                                   | %                              | 0.40         | 0.64                               | 04.03-A      |
| Potassium                                                    | %                              | 0.60         | 0.95                               | 04.04-A      |
| Calcium                                                      | Ca %                           | 2.37         | 3.77                               | 04.05-CA     |
| Magnesium                                                    | Mg %                           | 0.23         | 0.37                               | 04.05-MG     |
| Moisture Content                                             | %                              | 37.26        | N/A                                | 03.09-A      |
| Organic Matter Content                                       | %                              | 35.57        | 56.69                              | 05.07-A      |
| pH                                                           | pH Units                       | 8.30         |                                    | 04.11-A      |
| Soluble Salts (electrical conductivity EC <sub>5</sub> )     | dS/m (mmhos/cm)                | 2.97         |                                    | 04.10-A      |
| Particle Size - 3/8" (9.5 mm)                                | % passing                      | N/A          | 99.00                              | 02.02-B      |
| Stability Indicator (respirometry)                           |                                |              |                                    |              |
| CO <sub>2</sub> Evolution                                    | mg CO <sub>2</sub> -C/g OM/day | N/A          | 1.00                               | 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) <sup>1</sup>            | 07.01-B      |
| Trace Metals                                                 | PASS <sup>2</sup>              |              | As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn | 04.06        |
| <sup>1</sup> Per US EPA Class A standard, 40 CFR § 503.32(a) |                                |              |                                    |              |
| <sup>2</sup> 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          | 100.00       | 02.02-B      |
| Particle Size - 3/8" (9.5 mm)                                | % passing   | N/A          | 99.00        | 02.02-B      |
| Particle Size - 1/4" (6.35 mm)                               | % passing   | N/A          | 97.90        | 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          | 4.8 (PASS)   | 04.06        |
| Cadmium                                                      | Cd mg/Kg    | N/A          | 0.4 (PASS)   | 04.06        |
| Chromium                                                     | Cr mg/Kg    | N/A          | 17.1         | 04.06        |
| Copper                                                       | Cu mg/Kg    | N/A          | 117.4 (PASS) | 04.06        |
| Lead                                                         | Pb mg/Kg    | N/A          | 16.3 (PASS)  | 04.06        |
| Mercury                                                      | Hg mg/Kg    | N/A          | 0.2 (PASS)   | 04.06        |
| Nickel                                                       | Ni mg/Kg    | N/A          | 9.1 (PASS)   | 04.06        |
| Selenium                                                     | Se mg/Kg    | N/A          | 0.3 (PASS)   | 04.06        |
| Zinc                                                         | Zn mg/Kg    | N/A          | 84.7 (PASS)  | 04.06        |
| Total Solids                                                 | %           | 62.74        | N/A          | 03.09        |
| C:N Ratio                                                    | ratio       | 16.40:1      |              | 05.02-A      |
| <sup>1</sup> Per US EPA Class A standard, 40 CFR § 503.32(a) |             |              |              |              |
| <sup>2</sup> 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.



Account No. : 1985

## Environmental Sample Analysis Report

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

**Invoice No. : 1165065**  
**Date Received : 06/24/2026**  
**Date Analyzed: 06/25/2026**

**Lab No. : 5179**

**Results For : UCRRA**

**Sample ID : UCRRA COMPOST 226**

**Description :**

|                      | <b>Analysis</b>        |                          | <b>Lab. Tech.</b> | <b>Detection Limit</b> |
|----------------------|------------------------|--------------------------|-------------------|------------------------|
|                      | <b>Solid: Dry Wgt</b>  | <b>EPA Method Number</b> |                   |                        |
|                      | <b>Liquid: As Rcvd</b> |                          |                   |                        |
| Arsenic As, mg/kg    | 4.75                   | 3050B/6010C              | L.D.S             | 0.01                   |
| Cadmium Cd, mg/kg    | 0.39                   | 3050B/6010C              | L.D.S             | 0.01                   |
| Chromium Cr, mg/kg   | 17.13                  | 3050B/6010C              | L.D.S             | 0.01                   |
| Copper Cu, mg/kg     | 117.35                 | 3050B/6010C              | L.D.S             | 0.01                   |
| Molybdenum Mo, mg/kg | 2.58                   | 3050B/6010C              | L.D.S             | 0.01                   |
| Nickel Ni, mg/kg     | 9.10                   | 3050B/6010C              | L.D.S             | 0.01                   |
| Lead Pb, mg/kg       | 16.30                  | 3050B/6010C              | L.D.S             | 0.01                   |
| Selenium Se, mg/kg   | 0.26                   | 3050B/6010C              | L.D.S             | 0.01                   |
| Zinc Zn, mg/kg       | 84.69                  | 3050B/6010C              | L.D.S             | 0.01                   |
| Mercury Hg, mg/kg    | 0.184                  | 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     |



Account No. : 1985

Compost (TMECC) Analysis Report

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

Invoice No. : 1165063  
Date Received : 06/24/2026  
Date Analyzed: 06/25/2026

Lab No. : 5715

Results For : UCCRA  
Sample ID : UCCRA COMPOST 226

|                                             | Analysis<br>Dry Basis | Analysis<br>As Is Basis | Lbs / Ton |             | Available<br>First Year |
|---------------------------------------------|-----------------------|-------------------------|-----------|-------------|-------------------------|
|                                             |                       |                         | Dry Basis | As Is Basis |                         |
| Organic N, % N                              | 2.00                  | 1.25                    | 39.9      | 25.1        | 6.3                     |
| Ammonium, % N                               | 0.010                 | 0.0060                  | 0.2       | 0.1         | 0.1                     |
| Nitrate, % N                                | 0.002                 | 0.0010                  | 0.0       | 0.0         | 0.0                     |
| Total N, % N                                | 2.01                  | 1.26                    | 40.2      | 25.2        | 6.4                     |
| Phosphorus, % P <sub>2</sub> O <sub>5</sub> | 0.64                  | 0.40                    | 12.9      | 8.1         | 5.7                     |
| Potassium, % K <sub>2</sub> O               | 0.95                  | 0.60                    | 18.9      | 11.9        | 10.7                    |
| Sulfur, % S                                 | 0.25                  | 0.16                    | 5.0       | 3.1         | 1.3                     |
| Calcium, % Ca                               | 3.77                  | 2.37                    | 75.3      | 47.3        | 33.1                    |
| Magnesium, % Mg                             | 0.37                  | 0.23                    | 7.3       | 4.6         | 3.2                     |
| Sodium, % Na                                | 0.24                  | 0.15                    | 4.9       | 3.1         | 3.1                     |
| Sodium Adsorption Ratio (SAR)               | 3.22                  |                         |           |             |                         |
| Iron, ppm Fe                                | 8259.5                | 5182.0                  | 16.5      | 10.4        | 7.3                     |
| Manganese, ppm Mn                           | 306.7                 | 192.4                   | 0.6       | 0.4         | 0.3                     |
| Aluminum, ppm Al                            | 3045.3                | 1910.6                  | 6.1       | 3.8         | 2.7                     |
| Boron, ppm B                                | 1.7                   | 1.1                     | 0.0       | 0.0         | 0.0                     |
| Soluble Salts, (EC 1:5) dS/m                |                       | 2.97                    |           |             |                         |
| pH                                          |                       | 8.3                     |           |             |                         |
| Moisture, %                                 | 37.26                 |                         |           |             |                         |
| Dry Matter (TS), %                          | 62.74                 |                         |           |             |                         |
| Ash, %                                      | 43.31                 | 27.17                   |           |             |                         |
| Organic Matter LOI 550C, %                  | 56.69                 | 35.57                   |           |             |                         |
| Organic Carbon, %                           | 32.88                 | 20.63                   |           |             |                         |
| Organic C:N Ratio                           | 16.4                  |                         |           |             |                         |
| Bulk Density, lbs / cubic foot              |                       | 24                      |           |             |                         |
| Human Inerts & Plastic Film, %              |                       | < 0.1                   |           |             |                         |
| STA 503 H.Metal Screen                      | Pass                  |                         |           |             |                         |

L.D. Severson - AgroLab/Matrix Sciences Inc

7/13/2026

Copy : 1

Page 1 of 2

Bus: 302/566-6094  
Email: admin@agrolab.us

web site  
www.agrolab.us

101 Clukey Dr.  
Harrington, DE 19952



Account No. : 1985

## Compost (TMECC) Analysis Report

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

Invoice No. : 1165063  
Date Received : 06/24/2026  
Date Analyzed: 06/25/2026

Lab No. : 5715

Results For : UCCRA  
Sample ID : UCCRA COMPOST 226

|                                            | Analysis<br>Dry Basis | Analysis<br>As Is Basis | Lbs / Ton |             | Available<br>First Year |
|--------------------------------------------|-----------------------|-------------------------|-----------|-------------|-------------------------|
|                                            |                       |                         | Dry Basis | As Is Basis |                         |
| STA Pathogen Screen                        |                       | Pass                    |           |             |                         |
| Respiration mg CO <sub>2</sub> -C/g OM/day | 1.0                   |                         |           |             |                         |
| Compost Respiration Stability Index        |                       | Very Stable             |           |             |                         |
| Respiration mg CO <sub>2</sub> -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 (%) |
|----------------------------|--------------|-----------------------|-------------------|
|                            | 50 mm        | 0.0                   | 100.0             |
|                            | 25 mm        | 0.0                   | 100.0             |
|                            | 16 mm        | 0.0                   | 100.0             |
|                            | 9.5 mm       | 1.0                   | 99.0              |
|                            | 6.3 mm       | 1.1                   | 97.9              |
|                            | No.10 (2 mm) | 34.2                  | 63.7              |
|                            | No.18 (1 mm) | 20.0                  | 43.7              |
|                            | Pan          | 43.8                  | 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.