



# Compost Technical Data Sheet

**STA Certified™**  
**COMPOST**

A program of the US Composting Council

## Contact Info

<b>Product</b>	Naturecycle Compost J
<b>Company</b>	Onondaga County Resource Recovery Agency
<b>Facility Name</b>	OCRRA Jamesville Compost Facility
<b>Facility Telephone</b>	+1.3157078955
<b>Facility Location</b>	4370 Route 91, Jamesville, New York, 13078, United States of America
<b>Lab Name</b>	Soil Control Lab
<b>Lab Location</b>	42 HANGAR WAY, WATSONVILLE, 95076, California, United States of America
<b>Date/Time Sample Mailed</b>	2025-05-27 17:00:00 (America/New_York)
<b>Date/Time Sample Received</b>	2025-05-29 10:08:00 (America/New_York)
<b>Date/Time Result Reported</b>	2025-06-13 18:00:56 (America/New_York)

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	%	43.38	N/A	03.09-A
Organic Matter Content	%	16.45	29.05	05.07-A
pH	pH Units	8.70		04.11-A
Soluble Salts (electrical conductivity EC <sub>5</sub> )	dS/m (mmhos/cm)	1.12		04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	N/A	97.86	02.02-B
<b>Stability Indicator (respirometry)</b>				
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	N/A	1.95	05.08-B
<b>Maturity Indicator (bioassay)</b>				
Percent Emergence	average % of control	100.00		05.05-A
Relative Seedling Vigor	average % of control	100.00		05.05-A
<b>Select Pathogen</b>				
Salmonella	MPN / 4 grams	N/A	< 3.0 (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

### Naturcycle™ Compost “J” Application Rates

This compost made at a permitted the New York Department of Conservation in Jamesville, New York

#### Application Rate and Method

Turf Establishment

Sod Establishment

Soil Amending Incorporate Naturcycle Compost into the top 3 to 5 inches of soil at a rate of 1 Cubic Yard per 1000 Square Feet.

Blend into existing stockpiles of soil based on agronomic rates as needed.

#### Turf Maintenance

Topdressing of Turf Broadcast Naturcycle Compost at .75 cubic yards per 1000 square feet on top of established turf and work into existing turf. For best results aerate prior to top dressing and water immediately after spreading compost.

Flower Bed, Garden, Vegetables or Ground Cover Installation Mix or rototill ½ inch of Naturcycle Compost into existing soils at a depth of 3 to 5 inches prior to planting.

Tree and Shrub Planting When planting new amend backfill from the hole created with 10% by volume of the hole to 90% soil. Mix well and scarify the edges of any dug hole to achieve better root growth.

Field Nursery Production Mix or rototill ½ inch of Naturcycle Compost into existing soils at a depth of 3 to 5 inches prior to planting. A soil pH test prior to and after planting can advise on agronomic needs and is recommended.

Nursery Potting Media

Nursery Container Plants Blend no more than 10% by volume of Naturcycle Compost with traditional commercial potting media. Reduce other fertilizer as needed, and water thoroughly after planting. A soil-less media test is recommended to verify agronomic needs.

These above rates are general use recommendations. Please consult with a horticultural professional, certified crop advisor or university extension agent to further refine individual uses. The United States Composting Council also offers detailed compost use specifications and additional information <https://compostingcouncil.org/factsheets-and-free-reports/>

For Further information please contact

Naturcycle LLC at 315-707-8955 x 0 or visit our website for additional use guidance

[www.naturcycle.com](http://www.naturcycle.com)

*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:** Yard Waste (Green Waste).

### Test Results Including Nutrients

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
<b>Plant Nutrients</b>				
Nitrogen	%	0.49	0.86	04.02-D
Phosphorus	%	0.16	0.29	04.03-A
Potassium	%	0.35	0.61	04.04-A
Calcium	Ca %	6.78	11.97	04.05-CA
Magnesium	Mg %	1.03	1.82	04.05-MG
Moisture Content	%	43.38	N/A	03.09-A
Organic Matter Content	%	16.45	29.05	05.07-A
pH	pH Units	8.70		04.11-A
Soluble Salts (electrical conductivity EC <sub>5</sub> )	dS/m (mmhos/cm)	1.12		04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	N/A	97.86	02.02-B
<b>Stability Indicator (respirometry)</b>				
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	N/A	1.95	05.08-B
<b>Maturity Indicator (bioassay)</b>				
Percent Emergence	average % of control	100.00		05.05-A
Relative Seedling Vigor	average % of control	100.00		05.05-A
<b>Select Pathogen</b>				
Salmonella	MPN / 4 grams	N/A	< 3.0 (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	
<b>Particle Size</b>				
Particle Size - 2" (50.8 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 1" (25.4 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 5/8" (15.875 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 3/8" (9.5 mm)	% passing	N/A	97.86	02.02-B
Particle Size - 1/4" (6.35 mm)	% passing	N/A	89.77	02.02-B
<b>Contaminants</b>				
Total Physical Contaminants	%	N/A	< 0.50	02.02-C
Film Plastic	%	N/A	0.00	02.02-C
Sharp Physical Contaminants	%	N/A	NOT DETECTED	02.02-C
<b>Trace Metals</b>				
Arsenic	As mg/Kg	N/A	3.1 (PASS)	04.06
Cadmium	Cd mg/Kg	N/A	0.4 (PASS)	04.06
Chromium	Cr mg/Kg	N/A	17.2	04.06
Copper	Cu mg/Kg	N/A	25.1 (PASS)	04.06
Lead	Pb mg/Kg	N/A	17.5 (PASS)	04.06
Mercury	Hg mg/Kg	N/A	0.3 (PASS)	04.06
Nickel	Ni mg/Kg	N/A	15.4 (PASS)	04.06
Selenium	Se mg/Kg	N/A	0.3 (PASS)	04.06
Zinc	Zn mg/Kg	N/A	62.3 (PASS)	04.06
Total Solids	%	56.62	N/A	03.09
C:N Ratio			23.43	05.02-A
<small><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</small>				

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.