



**US COMPOSTING
COUNCIL**

*Seal of Testing
Assurance*

P&S Excavating / Cayuga compost

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Product Name: CC 2020-4

Lab ID: C12874

Report Date: 12/21/2020

Compost Technical Data Sheet

<i>Compost Parameters</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
<i>Plant Nutrients:</i>	<i>%, weight basis</i>	<i>% wet weight basis</i>	<i>% dry weight basis</i>
Nitrogen	Total N	1.21	1.78
Phosphorus	P ₂ O ₅	0.57	0.83
Potassium	K ₂ O	0.55	0.80
Calcium	Ca	2.11	3.10
Magnesium	Mg	0.29	0.43
Moisture Content	%, wet weight basis	31.94	
Organic Matter Content	%, dry weight basis	28.56	
pH	unitless	8.32	
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	3.35	
Particle Size	< 9.5 mm	97.16	
Stability Indicator (<i>respirometry</i>) CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	0.05 0.11	
Maturity Indicator (<i>bioassay</i>) Percent Emergence, AND Percent Seedling Vigor	% of control %	93.33 88.46	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS: Fecal Coliform < 1,000 MPN per g of dry solids	
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3	PASS: As, Cd, Cu, Pb, Hg, Mo, Ni, Se, and Zn are less than limits specified by US EPA Class A Standard 40 CFR § 503.13, Tables 1 and 3	

Participants in the US Composting Council's Seal of Testing Assurance 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.

Sample was shipped overnight and on ice. Collected 12/8/2020 at 8:35 AM. Received 12/9/2020 at 12:15 PM