



**US COMPOSTING  
COUNCIL**

*Seal of Testing  
Assurance*

P&S Excavating / Cayuga compost  
3225 Agard Road  
Trumansburg NY 14886  
Tel: 607-387-6826  
Fax: 607-387-7179  
Product Name: 2016-1 STA

Lab ID: C08548

Report Date: 5/6/2016

## 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	0.79	1.38
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.84	1.46
Potassium	K <sub>2</sub> O	0.73	1.27
Calcium	Ca	4.05	7.07
Magnesium	Mg	0.71	1.25
Moisture Content	%, wet weight basis	42.74	
Organic Matter Content	%, dry weight basis	31.07	
pH	unitless	7.87	
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	2.69	
Particle Size	< 9.5 mm	91.01	
Stability Indicator <i>(respirometry)</i> CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/G TS/day, AND mg CO <sub>2</sub> -C/G OM/day	0.44 1.41	
Maturity Indicator <i>(bioassay)</i> Percent Emergence, AND Percent Seedling Vigor	% of control %	100.00 100.00	
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.*



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Plant Nutrients:		Not reported
Moisture Content	%, wet weight basis	42.74
Organic Matter Content	%, dry weight basis	31.07
pH	unitless	7.87
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	2.69
Particle Size	< 9.5 mm	91.01
Stability Indicator <i>(respirometry)</i> CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/G TS/day, AND mg CO <sub>2</sub> -C/G OM/day	0.44 1.41
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