



**US COMPOSTING
COUNCIL**

*Seal of Testing
Assurance*

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Product Name: Jamesville compost
Lab ID: C05263

Report Date: 10/24/2011

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	0.50	0.95
Phosphorus	P ₂ O ₅	0.22	0.41
Potassium	K ₂ O	0.18	0.34
Calcium	Ca	3.24	6.19
Magnesium	Mg	0.49	0.93
Moisture Content	%, wet weight basis	47.74	
Organic Matter Content	%, dry weight basis	28.42	
pH	unitless	7.92	
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	0.45	
Particle Size	< 9.5 mm	91.04	
Stability Indicator <i>(respirometry)</i> CO ₂ Evolution	mg CO ₂ -C/G TS/day, AND mg CO ₂ -C/G OM/day	0.48 0.75	
Maturity Indicator <i>(bioassay)</i> Percent Emergence, AND Percent Seedling Vigor	average % of control, AND average % 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 MPM 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.