



## Black Bear Composting

Eric Walter  
PO Box 566  
Crozet VA 22932  
434-989-5219

Product Name: **BBC040918**

Sample Date: **4/9/18 2:00 PM**

Receive Date: **4/11/18**

A & L Lab Number: **98507**

A & L Report Number: **F18101-6010**

# COMPOST TECHNICAL DATA SHEET

**A & L Great Lakes Laboratories, Inc. 3505 Conestoga Drive Fort Wayne IN 46808**

Compost Parameters	Method	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:		%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	TMECC 04.02-D	Total N	1.23	2.42
Phosphorus	TMECC 04.03-A	P <sub>2</sub> O <sub>5</sub>	1.42	2.77
Potassium	TMECC 04.04-A	K <sub>2</sub> O	0.38	0.76
Calcium	TMECC 04.05-CA	Ca	2.18	4.28
Magnesium	TMECC 04.05-MG	Mg	0.18	0.35
Moisture Content	TMECC 03.09-A	%, wet weight basis	49.15	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	49.18	
pH	TMECC 04.11-A	pH units	7.1	
Soluble Salts <i>(electrical conductivity EC<sub>s</sub>)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	2.98	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	98.98	
Stability Indicator ( <i>respirometry</i> )			Stability Rating:	
CO <sub>2</sub> Evolution	TMECC 05.08-B	mg CO <sub>2</sub> -C/g OM/day	1	Very Stable
		mg CO <sub>2</sub> -C/g TS/day	1	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	87	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	100	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	<i>FecalColiform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	PASS	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

*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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<i>Compost Parameters</i>	<i>Method</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	
Plant Nutrients:		%, weight basis	Not Reported	
Moisture Content	TMECC 03.09-A	%, wet weight basis	49.15	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	49.18	
pH	TMECC 04.11-A	pH units	7.1	
Soluble Salts ( <i>electrical conductivity EC<sub>5</sub></i> )	TMECC 04.10-A	dS/m (mmhos/cm)	2.98	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	98.98	
Stability Indicator ( <i>respirometry</i> )			<i>Stability Rating:</i>	
CO <sub>2</sub> Evolution	TMECC 05.08-B	mg CO <sub>2</sub> -C/g OM/day	1	Very Stable
		mg CO <sub>2</sub> -C/g TS/day	1	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	87	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	100	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	<i>FecalColiform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13,	PASS	<i>As, Cd, Pb, Hg, Mo, Ni, Se, Zn</i>

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