



Country Oaks Landscape

Mark Cherry
5904 Dixie Highway
Clarkston MI 48346
248-521-0720

Product Name: **GRADE A COMPOST**

Sample Date: **1/3/23 9:30 AM**

Receive Date: **1/5/23 10:27 AM**

A & L Lab Number: **51902**

A & L Report Number: **F23005-6521**

COMPOST TECHNICAL DATA SHEET

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

<i>Compost Parameters</i>	<i>Method</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
Plant Nutrients:		%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	TMECC 04.02-D	Total N	1.19	1.83
Phosphorus	TMECC 04.03-A	P ₂ O ₅	0.33	0.50
Potassium	TMECC 04.04-A	K ₂ O	0.74	1.14
Calcium	TMECC 04.05-CA	Ca	3.09	4.74
Magnesium	TMECC 04.05-MG	Mg	0.74	1.14
Moisture Content	TMECC 03.09-A	%, wet weight basis	34.73	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	54.24	
pH	TMECC 04.11-A	pH units	8.0	
Soluble Salts <i>(electrical conductivity EC₅)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	3.49	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	99.10	
Stability Indicator <i>(respirometry)</i>			<i>Stability Rating:</i>	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	1.3	Stable
		mg CO ₂ -C/g TS/day	1.1	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	100	
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>Fecal Coliform</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	34.73	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	54.24	
pH	TMECC 04.11-A	pH units	8.0	
Soluble Salts <i>(electrical conductivity EC₅)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	3.49	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	99.10	
Stability Indicator <i>(respirometry)</i>			<i>Stability Rating:</i>	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	1.3	Stable
		mg CO ₂ -C/g TS/day	1.1	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	100	
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>Fecal Coliform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13,	PASS	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

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COMPOST TECHNICAL DATA SHEET for MICHIGAN DOT

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

<i>Compost Parameters</i>	<i>Method</i>	<i>Specification Requirements</i>	<i>Test Results</i>
pH	TMECC 04.11-A	Minimum 6.0 Maximum 8.5	8.0
Soluble Salts	TMECC 04.10-A	Maximum 5.0 dS/m (mmho/cm)	3.49
Moisture Content	TMECC 03.09-A	30 - 60%, wet weight basis	34.73
Organic Matter Content	TMECC 05.07-A	25 - 65 %, dry weight basis	54.24
Sieve Size (aggregate size)	TMECC 02.02-B	% dry weight passing through 2" Sieve 100% 1" Sieve minimum 90% 3/4" Sieve minimum 65% 1/4 " Sieve maximum 50%	100.00 100.00 100.00 94.72
Stability Carbon Dioxide Evolution	TMECC 05.08-B	< 8 mg CO ₂ -C / gram OM / Day	1.3
Maturity Seed Germination	TMECC 05.05-A	> / = 80% (compared to control)	100
Trace Elements / Heavy Metals	TMECC 04.06	Meets US EPA Class A Standard 40 CFR § 503.13 PASS/FAIL	PASS
Pathogens	TMECC 07.01-B	Fecal Coliform < 1000 MPN / gram total solids PASS / FAIL	PASS
Man-made Inerts	TMECC 02.02-C	< 1.0% Total Inerts (dry basis)	0.00

Laboratory Report Number: F23005-6521

Laboratory Sample Number: 51902

Approved by: Jamie Bultemeier - Agronomist / Corporate Sales Director

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