

Country Oaks Landscape

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

Product Name: **GRADE A COMPOST**

Sample Date: **3/30/23 10:00 AM**

Receive Date: **4/3/23 11:17 AM**

A & L Lab Number: **53680**

A & L Report Number: **F23093-6505**



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	1.48	1.82
Phosphorus	TMECC 04.03-A	P ₂ O ₅	0.49	0.60
Potassium	TMECC 04.04-A	K ₂ O	1.12	1.38
Calcium	TMECC 04.05-CA	Ca	3.02	3.71
Magnesium	TMECC 04.05-MG	Mg	0.62	0.76
Moisture Content	TMECC 03.09-A	%, wet weight basis	18.48	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	48.02	
pH	TMECC 04.11-A	pH units	8.4	
Soluble Salts <i>(electrical conductivity EC₅)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	3.11	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	99.01	
Stability Indicator <i>(respirometry)</i>			<i>Stability Rating:</i>	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	0.4	Very Stable
		mg CO ₂ -C/g TS/day	0.3	
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	18.48	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	48.02	
pH	TMECC 04.11-A	pH units	8.4	
Soluble Salts <i>(electrical conductivity EC₅)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	3.11	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	99.01	
Stability Indicator <i>(respirometry)</i>			<i>Stability Rating:</i>	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	0.4	Very Stable
		mg CO ₂ -C/g TS/day	0.3	
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	8.4
Soluble Salts	TMECC 04.10-A	Maximum 5.0 dS/m (mmho/cm)	3.11
Moisture Content	TMECC 03.09-A	30 - 60%, wet weight basis	18.48
Organic Matter Content	TMECC 05.07-A	25 - 65 %, dry weight basis	48.02
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 93.81
Stability Carbon Dioxide Evolution	TMECC 05.08-B	< 8 mg CO ₂ -C / gram OM / Day	0.4
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)	0.17

Laboratory Report Number: F23093-6505

Laboratory Sample Number: 53680

Approved by: Jamie Bultemeier - Agronomist / Corporate Sales Director

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