

Report Number  
F23024-6502  
Account Number  
99990



3505 Conestoga Dr.  
Fort Wayne, IN 46808  
260.483.4759  
algreatlakes.com

To: FABLE FARMS INDIANA

For: EARTHKEEPERS COMPOST



Attn: ANDREA & RYAN CONWAY

Purchase Order: 024-6502

Date Sampled: 1/23/2023

Date Received: 1/24/2023

Date Reported: 2/10/2023

Page: 1 of 3

Sample ID: WINTER 2022

Lab Number: 52173

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	57.34		TMECC 03.09-A
Solids	%	42.66		TMECC 03.09-A
Total Nitrogen (N)	%	0.64	1.51	TMECC 04.02-D
Phosphorus (P)	%	0.10	0.23	TMECC 04.03-A
Phosphate (P <sub>2</sub> O <sub>5</sub> )	%	0.23	0.53	TMECC 04.03-A
Potassium (K)	%	0.23	0.53	TMECC 04.04-A
Potash (K <sub>2</sub> O)	%	0.27	0.64	TMECC 04.04-A
Magnesium (Mg)	%	0.23	0.54	TMECC 04.05-MG
Calcium (Ca)	%	1.82	4.27	TMECC 04.05-CA
Arsenic	mg/kg	1.50	3.51	US EPA SW846-6020
Cadmium	mg/kg	0.227	0.533	US EPA SW846-6020
Chromium	mg/kg	4.04	9.48	US EPA SW846-6020
Copper	mg/kg	9.1	21.3	US EPA SW846-6010C
Mercury	mg/kg	0.019	0.044	US EPA SW846-6020
Molybdenum	mg/kg	0.91	2.13	US EPA SW846-6020

TMECC - Test Methods for the Examination of Composting and Compost (TMECC), The U.S. Composting Council.

-COMPOST

Report Approved By:

Approval Date: 2/10/2023

David Henry - Agronomist / Technical Services - CCA

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Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	5.6	13.1	US EPA SW846-6020
Lead	mg/kg	5.0	11.7	US EPA SW846-6020
Selenium	mg/kg	0.44	1.04	US EPA SW846-6020
Zinc	mg/kg	34.3	80.5	US EPA SW846-6010C
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	7.6		TMECC 04.11-A
Soluble Salts	dS/m	1.45		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		10	SM(20th)-9221E TMECC
Pathogen Reduction - PASS/FAIL	pass/fail		PASS	40 CFR 503 Class A Compost
Organic Matter (LOI @ 550 C)	%	19.01	44.56	TMECC 05.07-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	100		TMECC 05.05-A
Ave Ht of Seedlings in Control	centimeters	9.9		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	13.6		TMECC 05.05-A
Respiration - CO <sub>2</sub> -C/g TS	mg CO <sub>2</sub> -C / g TS/Day		0.6	TMECC 05.08-B

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a&lgreatlakes  
LABORATORIES  
*Scientists who don't mind getting dirty.™*

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## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -C / g OM/Day		0.5	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Passing U.S. 3/8-inch Sieve	%		100.00	TMECC 02.02-B