



Client: <b>West Ranch Vermicompost</b>	Product: <b>1</b>	Date Reported: 12/11/23
Attn: Robert Westendorf	Date Sampled: 12/01/23	Laboratory # <b>C23-1443</b>
4645 Broadway Rd	Date Received: 12/05/23	Reveiled by Brent Thyssen, CPSSc
Springfield, OH 45502	Invoice #: <b>C23-1443</b>	PO#:
937-207-5421		Amount: <del>XXXXXX</del>

**Nutrients**

	Method	As Received	Dry Wt.	Units	Low	Normal	High	Typical Range
Moisture	70 C	72		%	*****	*****		15 to 40
Solids	70 C	28		%	*****			60 to 85
pH	1:5	7.3	NA	SU	*****			5.5 to 8.5
E.C. (Sol. Salts)	1:5	2.11	7.51	mmhos/cm	*****			below 5.0
Total N	TMECC 04.02D	0.90	3.20	%	*****			1 to 5
Organic C	TMECC 04.01A	12.5	44.5	%	*****			18 to 45
Organic Matter	TMECC 05.07A	23.0	81.9	%	*****			40 to 60
Ash	550 C	5.1	18.1	%	**			40 to 60
Ammonium -N	TMECC 05.02C	3	9	mg/kg	***			90 to 450
Nitrate-N	TMECC 04.02B	1053	3744	mg/kg	*****			50 to 250
Phosphorous	TMECC 04.12B/04.14A	0.20	0.71	%				
P <sub>2</sub> O <sub>5</sub>	calculation	0.46	1.63	%	*****			1 to 8
Potassium	TMECC 04.12B/04.14A	0.56	1.98	%				
K <sub>2</sub> O	calculation	0.67	2.37	%	*****			3 to 12
Calcium	TMECC 04.12B/04.14A	0.78	2.8	%	*****			0.5 to 10
Magnesium	TMECC 04.12B/04.14A	0.15	0.53	%	*****			0.05 to 0.7
Sodium	TMECC 04.12B/04.14A	0.04	0.14	%	*****			0.05 to 0.7
Sulfur	TMECC 04.12B/04.14A	0.09	0.32	%	*****			0.1 to 1.0
Boron	TMECC 04.12B/04.14A	8	29	mg/kg	*****			25 to 150
Zinc	TMECC 04.12B/04.14A	47	168	mg/kg	*****			100 to 600
Manganese	TMECC 04.12B/04.14A	47	168	mg/kg	*****			250 to 750
Copper	TMECC 04.12B/04.14A	10	34	mg/kg	***			100 to 500
Iron	TMECC 04.12B/04.14A	849	3020	mg/kg	*****			1000 to 25000
C/N ratio			14	ratio	*****			18 to 24
C/P Ratio			62	ratio	*****			80 to 140

Sample was received, handled and tested in accordance with TMECC procedures