

**Analytical Lab
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Compost Analysis Report

From: ANDREW BROUSSEAU/ BLACK EARTH COMPOST LLC

Job# 699

Date Received: 04/04/16

Report Date: 05/02/16

Sample type: Compost

Sample Name: 5 Spring 2015

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis
Total Solids (%)	-----	46.8
Total Carbon (%)	22.3	10.4
Total Nitrogen (%)	1.76	0.82
Total Potassium (%)	0.65	0.31
Total Phosphorus (%)	0.54	0.25
Volatile Solids (%)	48.3	22.7
pH	-----	7.7
Bulk Density (lbs/cu yd)	-----	710
Conductivity (mmhos/cm)	-----	6.0

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis
Total Boron (ppm)	14.8	6.92
Total Calcium (%)	2.20	1.00
Total Copper (ppm)	19.3	9.05
Total Iron (ppm)	6980	3270
Total Magnesium (%)	0.300	0.140
Total Manganese (ppm)	201	94.1
Total Sodium (%)	0.290	0.140
Total Zinc (ppm)	82.2	38.5

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis
C:N Ratio	-----	12.7
NH ₄ -N (mg/kg)	2292	1070
NO ₃ -N (mg/kg)	1097	514

COMMENTS

H2O-N = 1099 mg/kg dry weight, H2O-P = 0.021% dry weight