



Compost Analysis Report

Analytical Lab
5722 Deering Hall
Orono, ME 04469-5722
(207) 581-2917

From: ANSON BILLER/ FULL FORK FARM
154 DUTTON RD
CHINA ME 04358

Job# 354
Date Received: 03/19/18
Report Date: 04/17/18

Sample type: Compost

Sample Name: SBGS 001

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Total Solids (%)		20.7	
Total Carbon (%)	48.4	10.0	200
Total Nitrogen (%)	4.31	0.89	17.88
Potassium (%)	0.07	0.01	K2O = 0.36
Phosphorus (%)	0.69	0.14	P2O5 = 6.54
Volatile Solids (%)	95.4	19.8	
pH		6.3	
Bulk Density (lbs/cu yd)		860	
Conductivity (mmhos/cm)		5.9	

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Boron (ppm)	2.82	0.584	< 0.01
Calcium (%)	0.310	0.060	1.3
Copper (ppm)	4.25	0.881	< 0.01
Iron (ppm)	207	42.9	0.09
Magnesium (%)	0.230	0.050	0.93
Manganese (ppm)	38.0	7.88	0.02
Sodium (%)	0.040	0.010	0.16
Zinc (ppm)	84.4	17.5	0.04

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
C:N Ratio		11.2	
NH4-N (ppm)	6.05	1.25	< 0.01
NO3-N (ppm)	7410	1537	3.07

COMMENTS:

Total Silica=15042 mg/kg DW: TKN=4.91% DW

Suzanne Perron (Assistant Chemist)



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Job# 354
Date Received: 03/19/18
Report Date: 04/17/18

Sample type: Compost

Sample Name: bSBGS 002

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Total Solids (%)		22.9	
Total Carbon (%)	48.5	11.1	222
Total Nitrogen (%)	3.72	0.85	17.05
Potassium (%)	0.20	0.05	K2O = 1.11
Phosphorus (%)	0.66	0.15	P2O5 = 6.97
Volatile Solids (%)	95.6	21.9	
pH		4.5	
Bulk Density (lbs/cu yd)		840	
Conductivity (mmhos/cm)		1.7	

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Boron (ppm)	2.39	0.547	< 0.01
Calcium (%)	0.210	0.050	1.0
Copper (ppm)	2.91	0.666	< 0.01
Iron (ppm)	163	37.3	0.07
Magnesium (%)	0.230	0.050	1.07
Manganese (ppm)	37.0	8.47	0.02
Sodium (%)	0.030	0.010	0.12
Zinc (ppm)	65.0	14.9	0.03

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
C:N Ratio		13.0	
NH4-N (ppm)	2.02	0.463	< 0.01
NO3-N (ppm)	10.30	2.36	< 0.01

COMMENTS:

Total Silica=11680 mg/kg DW: TKN=3.84% DW

Suzanne Perron (Assistant Chemist)