



soiltest
farm consultants, inc.

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Client: Green Mountain Technologies	Product: los Ranch Screened Compost	Date Reported: 09/05/12
5350 McDonald Ave. NE	Date Sampled: 08/14/12	Laboratory # C12-389
Bainbridge Island, WA 98110	Date Received: 08/16/12	Reveived by Brent Thyssen, CPSSc
Attn: Pam Heater		
802-368-7291		Amount: \$ 120.00

Nutrients

Method	As Rcvd.	Dry Wt.	Units	Low	Normal	High	Typical Range
Moisture	70 C	29		*****			15 to 40
Solids	70 C	71		*****			60 to 85
pH	1:5	8.1	NA	SU	*****		5.5 to 8.5
E.C	1:5	2.63	3.70	mmhos/cm	*****		below 5.0
Total N	TMECC 04.02D	0.52	0.73	%	*****		1 to 5
Organic C	TMECC 04.01A	15.9	22.4	%	*****		18 to 45
Organic Matter	TMECC 05.07A	36.6	51.5	%	*****		40 to 60
Ash	550 C	34.4	48.5	%	*****		40 to 60
Ammonium -N	TMECC 05.02C	9.5	13.4	mg/kg	***		90 to 450
Nitrate-N	TMECC 04.02B	1.0	1.4	mg/kg	***		50 to 250
C/N ratio			31	ratio	*****		18 to 24

Respiration & Stability

Method	Units	Low	Normal	High	Normal	
CO2 Evolution	TMECC 05.08	1	mg CO ₂ -C/g OM/day	*****		1 to 7
	TMECC 05.08	1	mg CO ₂ -C/g TS/day	*****		0.5 to 5
	TMECC 05.08	0.2	mg NH ₃ -N /kg /day	***		10 to 100
Stability Rating	Very Stable					

Cucumber Bioassay

Method	Units	Low	Normal	Normal	
Emergence	TMECC 05.05A	100	%	*****	80 to 100
Vigor	TMECC 05.05A	99	%	*****	85 to 100
Plant Description	Mature				

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