



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 2nd Round 2009

December 22, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Solids, LOI and CEC											
Moisture Content % (w/w basis)											
SRC-2009-D (110, 111, 112)	45	26.9	34.5	29.7	± 3.06	1.6					
SRC-2009-E (113, 114, 115)	45	23.2	31.1	28.7	± 1.37	1.3					
SRC-2009-F (116, 117, 118)	45	22.6	31.7	29.8	± 1.34	0.7					
Total Solids % Dried 105° C for 2.5 hr (w/w basis)											
SRC-2009-D (110, 111, 112)	45	65.5	73.1	70.3	± 2.75	0.69					
SRC-2009-E (113, 114, 115)	45	47.2	76.8	71.4	± 1.38	0.55					
SRC-2009-F (116, 117, 118)	45	49.8	72.2	70.2	± 1.51	0.40					
Loss-On-Ignition 05.07-A (% w/w)											
SRC-2009-D (110, 111, 112)	42	27.7	42.8	33.6	± 6.73	4.2					
SRC-2009-E (113, 114, 115)	42	45.8	53.0	49.2	± 3.94	1.8					
SRC-2009-F (116, 117, 118)	42	45.3	56.2	50.2	± 2.39	1.8					
Cation Exchange Capacity (cmol kg⁻¹)											
SRC-2009-D (110, 111, 112)	12	4.3	35.7	18.5	± 4.74	5.4					
SRC-2009-E (113, 114, 115)	12	39.9	42.5	24.7	± 1.95	8.9					
SRC-2009-F (116, 117, 118)	12	15.8	40.5	11.3	± 8.98	4.4					
Saturated Paste Constituents											
pH (Unit)											
SRC-2009-D (110, 111, 112)	12	7.5	8.6	8.02	± 0.87	1.1					
SRC-2009-E (113, 114, 115)	12	7.2	8.14	7.82	± 0.92	0.8					
SRC-2009-F (116, 117, 118)	12	8.2	9.24	8.40	± 1.12	1.4					
EC (dS/m)											
SRC-2009-D (110, 111, 112)	9	9.8	13.2	12.0	± 2.76	4.8					
SRC-2009-E (113, 114, 115)	9	20.8	21.5	21.5	± 0.00	2.2					
SRC-2009-F (116, 117, 118)	9	20.3	21	21.6	± 3.05	2.6					

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Extractable Constituents (1:5) dry basis											
pH_{1:5} 04.11-A (Unit)											
SRC-2009-D (110, 111, 112)	39	7.3	8.6	8.26	± 0.45	0.8					
SRC-2009-E (113, 114, 115)	39	7.1	11.0	7.69	± 0.38	0.49					
SRC-2009-F (116, 117, 118)	39	7.4	11.0	8.93	± 0.22	0.42					
EC_{1:5} 04.10-A (dS/m)											
SRC-2009-D (110, 111, 112)	39	3.1	6.6	4.6	± 1.70	3.9					
SRC-2009-E (113, 114, 115)	39	5.7	20.8	11.0	± 6.68	4.0					
SRC-2009-F (116, 117, 118)	39	8.5	23.8	12.1	± 6.93	2.1					
Ca_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	15	2.7	127	51.0	± 81	6.8					
SRC-2009-E (113, 114, 115)	15	92.4	289	148.4	± 377	5.7					
SRC-2009-F (116, 117, 118)	15	28.1	120	64.7	± 142	4.5					
Mg_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	15	0.3	44.6	19.8	± 31	4.1					
SRC-2009-E (113, 114, 115)	15	60.6	196	110.5	± 227	4.4					
SRC-2009-F (116, 117, 118)	15	10.5	206	18.8	± 48	5.7					
Na_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	15	11	238	122.4	± 94	3.5					
SRC-2009-E (113, 114, 115)	15	87	250	148.7	± 232	3.4					
SRC-2009-F (116, 117, 118)	15	352	965	605.5	± 787	1.8					
PO₄-P_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	12	1	26	4.7	± 5.1	6.8					
SRC-2009-E (113, 114, 115)	12	9	1160	10.1	± 13.5	4.7					
SRC-2009-F (116, 117, 118)	12	44	1520	45.6	± 51.5	2.8					
Cl_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	21	459	1150	726	± 501	3.4					
SRC-2009-E (113, 114, 115)	21	860	2090	1591	± 910	2.8					
SRC-2009-F (116, 117, 118)	21	260	3240	2248	± 1659	2.1					

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SO₄-S_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	21	11	474	119	± 102	6.4					
SRC-2009-E (113, 114, 115)	21	5	2744	1457	± 1674	2.7					
SRC-2009-F (116, 117, 118)	21	1	886	515	± 732	3.1					
NO₃-N_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	21	75	153	93.9	± 34.5	6.2					
SRC-2009-E (113, 114, 115)	21	0	1.0	0.46	± 1.6	2.2					
SRC-2009-F (116, 117, 118)	21	0	220	2.6	± 3.8	47.4					
NH₄-N_{1:5} (mg/L)											
SRC-2009-D (110, 111, 112)	21	3.4	87	8.2	± 8	5.4					
SRC-2009-E (113, 114, 115)	21	8.9	57	15.3	± 22	8.9					
SRC-2009-F (116, 117, 118)	21	138	1727	203	± 435	4.4					
Carbon, Nitrogen & Sulfur dry basis											
TKN - 04.02-A (% w/w)											
SRC-2009-D (110, 111, 112)	15	0.71	0.88	0.83	± 0.05	4.4					
SRC-2009-E (113, 114, 115)	15	1.40	1.67	1.57	± 0.16	4.0					
SRC-2009-F (116, 117, 118)	15	1.60	2.28	2.17	± 0.17	1.2					
N - Combustion 04.02-D (% w/w)											
SRC-2009-D (110, 111, 112)	45	0.62	1.10	0.92	± 0.17	5.2					
SRC-2009-E (113, 114, 115)	45	1.24	24.0	1.71	± 0.28	2.2					
SRC-2009-F (116, 117, 118)	45	1.57	22.0	1.97	± 0.56	1.7					
TOC 04.01-A (% w/w)											
SRC-2009-D (110, 111, 112)	39	11.0	21.2	16.5	± 3.3	4.8					
SRC-2009-E (113, 114, 115)	39	14.0	27.3	24.0	± 5.2	3.2					
SRC-2009-F (116, 117, 118)	39	12.0	28.5	25.0	± 5.6	2.3					
C:N 05.02-A (Ratio)											
SRC-2009-D (110, 111, 112)	33	13.6	28.7	17.8	± 3.9	3.6					
SRC-2009-E (113, 114, 115)	33	11.8	16.3	14.0	± 2.6	3.6					
SRC-2009-F (116, 117, 118)	33	9.5	14.8	12.2	± 2.5	2.0					

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							Rep 1	Rep 2	Rep 3	
CCE- Analysis (% w/w)										
SRC-2009-D (110, 111, 112)	6	9.5	10.7	10.4	± 0.43	5.4				
SRC-2009-E (113, 114, 115)	6	0.0	15.0	7.1	± 3.8	6.7				
SRC-2009-F (116, 117, 118)	6	0.0	22.0	9.1	± 3.5	0.4				
S - Combustion (% w/w)										
SRC-2009-D (110, 111, 112)	12	0.2	0.27	0.23	± 0.06	3.8				
SRC-2009-E (113, 114, 115)	12	1.0	1.32	1.14	± 0.35	2.1				
SRC-2009-F (116, 117, 118)	12	0.7	0.76	0.68	± 0.06	1.4				
C:S 05.02-A (Ratio)										
SRC-2009-D (110, 111, 112)	9	51	90	67.0	± 5.7	4.1				
SRC-2009-E (113, 114, 115)	9	19	25	19.3	± 9.7	10.3				
SRC-2009-F (116, 117, 118)	9	32	40	38.0	± 6.7	3.8				
NO₃-N 04.02-B (mg/kg)										
SRC-2009-D (110, 111, 112)	24	237	800	508	± 340	3.2				
SRC-2009-E (113, 114, 115)	24	2	331	4.7	± 9.6	11.1				
SRC-2009-F (116, 117, 118)	24	14	88	19.8	± 31	10.9				
NH₄-N 04.02-C (mg/kg)										
SRC-2009-D (110, 111, 112)	21	10.7	96	33.1	± 20	7.6				
SRC-2009-E (113, 114, 115)	20	10.8	152	47.1	± 72	12.6				
SRC-2009-F (116, 117, 118)	21	194.8	4917	1836	± 3600	2.2				
NH₄-N / NO₃-N Ratio										
SRC-2009-D (110, 111, 112)	15	0.1	0.19	0.60	± 0.29	9.7				
SRC-2009-E (113, 114, 115)	15	0.2	19.1	1.80	± 4.60	12.3				
SRC-2009-F (116, 117, 118)	15	9.3	94.9	36.00	± 78.30	15.0				

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Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Total Analysis (Digestion 04.12-B) dry basis											
AI 04.07-Ag (mg/kg)											
SRC-2009-D (110, 111, 112)	27	4517	13057	7944	± 4953	5.6					
SRC-2009-E (113, 114, 115)	27	2187	7296	4672	± 1590	4.0					
SRC-2009-F (116, 117, 118)	27	2320	8135	4416	± 2137	6.0					
Ag 04.07-Ag (mg/kg)											
SRC-2009-D (110, 111, 112)	6	0.4	0.65	0.44	± 0.9	24.7					
SRC-2009-E (113, 114, 115)	6	5.6	58	0.00	± 6.5	15.6					
SRC-2009-F (116, 117, 118)	6	45.0	48	0.00	± 0.4	12.2					
B 04.05-B (mg/kg)											
SRC-2009-D (110, 111, 112)	42	19	51	29.5	± 21.9	3.7					
SRC-2009-E (113, 114, 115)	42	49	74	59.0	± 11.5	2.0					
SRC-2009-F (116, 117, 118)	42	43	73	52.1	± 11.9	2.4					
Ba 04.07-Ba (mg/kg)											
SRC-2009-D (110, 111, 112)	18	121	147	137.2	± 9.7	2.2					
SRC-2009-E (113, 114, 115)	18	67	90	78.9	± 23.6	4.9					
SRC-2009-F (116, 117, 118)	18	82	111	88	± 17	2.5					
Be 04.06-Be (mg/kg)											
SRC-2009-D (110, 111, 112)	12	0.3	0.50	0.39	± 0.11	10.7					
SRC-2009-E (113, 114, 115)	12	0.2	0.30	0.21	± 0.15	18.6					
SRC-2009-F (116, 117, 118)	12	0.3	0.30	0.26	± 0.32	6.2					
Ca 04.05-Ca (%)											
SRC-2009-D (110, 111, 112)	45	3.0	36.9	4.20	± 0.89	6.0					
SRC-2009-E (113, 114, 115)	44	2.5	3.50	3.00	± 0.42	4.4					
SRC-2009-F (116, 117, 118)	42	3.3	4.88	4.22	± 0.87	3.0					
Cd 04.06-Cd (mg/kg)											
SRC-2009-D (110, 111, 112)	30	0.1	2.75	0.90	± 1.20	6.2					
SRC-2009-E (113, 114, 115)	30	0.1	2.49	0.14	± 0.66	5.2					
SRC-2009-F (116, 117, 118)	30	0.3	1.16	0.31	± 0.52	4.5					

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							Rep 1	Rep 2	Rep 3	
Co 04.06-Cu (mg/kg)										
SRC-2009-D (110, 111, 112)	24	0.6	4.5	3.9	± 0.8	4.2				
SRC-2009-E (113, 114, 115)	24	1.3	2.5	1.5	± 1.0	7.1				
SRC-2009-F (116, 117, 118)	24	2.5	3.6	2.7	± 0.7	4.3				
Cr 04.06-Cr (mg/kg)										
SRC-2009-D (110, 111, 112)	27	6.7	27.9	11.9	± 10.7	6.9				
SRC-2009-E (113, 114, 115)	27	2.6	8.2	4.4	± 3.6	6.0				
SRC-2009-F (116, 117, 118)	27	3.9	11.5	5.5	± 4.4	6.0				
Cs 04.06-Cs (mg/kg)										
SRC-2009-D (110, 111, 112)	3	0.9	1.00	0.91	± 0.09	6.6				
SRC-2009-E (113, 114, 115)	3	0.0	0.00	0.52	± 0.04	8.8				
SRC-2009-F (116, 117, 118)	3	0.0	0.00	0.57	± 0.01	2.9				
Cu 04.06-Cu (mg/kg)										
SRC-2009-D (110, 111, 112)	45	2	63	28.9	± 8.19	5.2				
SRC-2009-E (113, 114, 115)	45	5	34	9.2	± 4.97	4.1				
SRC-2009-F (116, 117, 118)	45	14	33	21.8	± 6.3	2.5				
Fe 04.05-Fe (mg/kg)										
SRC-2009-D (110, 111, 112)	42	8069	16896	10850	± 2153	5.0				
SRC-2009-E (113, 114, 115)	42	2308	9464	3772	± 1940	6.5				
SRC-2009-F (116, 117, 118)	42	3809	8568	5285	± 1129	4.2				
K 04.04-K (%)										
SRC-2009-D (110, 111, 112)	45	1.2	15.60	1.55	± 0.43	2.7				
SRC-2009-E (113, 114, 115)	45	2.8	3.86	3.42	± 0.59	3.1				
SRC-2009-F (116, 117, 118)	45	2.8	3.64	3.24	± 0.35	2.5				
Li 04.04 (mg/kg)										
SRC-2009-D (110, 111, 112)	12	0.0	131	8.3	± 24.1	3.4				
SRC-2009-E (113, 114, 115)	12	0.0	74	6.1	± 17.7	2.8				
SRC-2009-F (116, 117, 118)	12	0.0	96	5.8	± 16.9	4.2				

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Mg 04.05-Mg (%)											
SRC-2009-D (110, 111, 112)	45	0.4	5.65	0.56	± 0.12	2.7					
SRC-2009-E (113, 114, 115)	45	0.5	0.65	0.59	± 0.06	1.6					
SRC-2009-F (116, 117, 118)	45	0.9	1.20	1.03	± 0.16	2.2					
Mn 04.06-Mn (mg/kg)											
SRC-2009-D (110, 111, 112)	45	170	283	250	± 45	3.3					
SRC-2009-E (113, 114, 115)	45	73	118	104	± 21	4.7					
SRC-2009-F (116, 117, 118)	45	197	283	243	± 37	2.7					
Mo 0.406-Mo (mg/kg)											
SRC-2009-D (110, 111, 112)	30	0.2	6.24	3.2	± 3.2	10.9					
SRC-2009-E (113, 114, 115)	27	0.7	1.89	1.0	± 1.1	5.1					
SRC-2009-F (116, 117, 118)	30	2.3	4.31	3.5	± 1.2	4.2					
Na 04.05-Na (%)											
SRC-2009-D (110, 111, 112)	42	0.1	1.09	0.12	± 0.03	2.1					
SRC-2009-E (113, 114, 115)	42	0.1	0.12	0.09	± 0.02	6.9					
SRC-2009-F (116, 117, 118)	42	0.4	0.51	0.46	± 0.08	2.5					
Ni 04.06-Ni (mg/kg)											
SRC-2009-D (110, 111, 112)	30	9.3	23	13.0	± 3.7	3.9					
SRC-2009-E (113, 114, 115)	30	3.0	10	4.1	± 3.1	5.5					
SRC-2009-F (116, 117, 118)	30	6.2	11	7.0	± 2.2	3.0					
P 04.03 (%)											
SRC-2009-D (110, 111, 112)	45	0.2	3.09	0.300	± 0.03	3.5					
SRC-2009-E (113, 114, 115)	45	0.2	0.31	0.280	± 0.03	4.3					
SRC-2009-F (116, 117, 118)	45	1.1	1.34	1.19	± 0.09	1.7					
Pb 04.06-Pb (mg/kg)											
SRC-2009-D (110, 111, 112)	30	3.5	64	8.2	± 6.5	6.7					
SRC-2009-E (113, 114, 115)	30	0.3	57	2.9	± 2.3	8.4					
SRC-2009-F (116, 117, 118)	30	1.4	32	4.2	± 3.4	2.5					

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							Rep 1	Rep 2	Rep 3	
Sb 04.07-Sb (mg/kg)										
SRC-2009-D (110, 111, 112)	13	0.2	3.48	1.31	± 5.3	35.7				
SRC-2009-E (113, 114, 115)	12	4.1	5.20	2.08	± 7.8	10.2				
SRC-2009-F (116, 117, 118)	11	3.6	4.75	1.84	± 8.3	11.3				
Sr 04.06-Sr (mg/kg)										
SRC-2009-D (110, 111, 112)	18	151	250	198	± 38	7.8				
SRC-2009-E (113, 114, 115)	18	416	526	465	± 58	4.8				
SRC-2009-F (116, 117, 118)	18	212	235	220	± 18	1.8				
V 04.06-V (mg/kg)										
SRC-2009-D (110, 111, 112)	18	18	68	27.2	± 21.5	5.7				
SRC-2009-E (113, 114, 115)	18	6	44	10.3	± 11.4	2.6				
SRC-2009-F (116, 117, 118)	18	7	50	10.1	± 9.7	3.4				
Zn 04.06-Zn (mg/kg)										
SRC-2009-D (110, 111, 112)	45	40	208	86.9	± 20.52	4.5				
SRC-2009-E (113, 114, 115)	45	22	52	30.8	± 9.56	3.3				
SRC-2009-F (116, 117, 118)	45	84	210	148	± 15	3.3				
As 04.06-As (ug/kg)										
SRC-2009-D (110, 111, 112)	30	2.9	13.70	5.1	± 4.73	7.5				
SRC-2009-E (113, 114, 115)	29	0.9	4.60	2.0	± 0.92	7.1				
SRC-2009-F (116, 117, 118)	30	0.1	4.6	2.2	± 1.01	6.3				
Hg 04.06-Hg (ug/kg)										
SRC-2009-D (110, 111, 112)	21	0.0	0.09	0.052	± 0.030	24.3				
SRC-2009-E (113, 114, 115)	21	0.0	0.02	0.015	± 0.015	13.6				
SRC-2009-F (116, 117, 118)	21	0.0	0.03	0.020	± 0.020	2.8				
Se 04.06-Se (ug/kg)										
SRC-2009-D (110, 111, 112)	24	0.2	19.70	1.69	± 2.80	9.9				
SRC-2009-E (113, 114, 115)	21	0.7	9.02	2.19	± 4.00	6.8				
SRC-2009-F (116, 117, 118)	24	0.4	8.1	1.63	± 2.21	8.1				

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							Rep 1	Rep 2	Rep 3	
Inert Contents										
Sieve Size Classification (% > 9.5 mm)										
SRC-2009-D (110, 111, 112)	21	0.0	12.7	3.2	± 8.9	33				
SRC-2009-E (113, 114, 115)	18	0.0	5.1	0.0	± 8.4	89				
SRC-2009-F (116, 117, 118)	15	0.0	6.8	0.0	± 19.7	1.5				
Inert Content - Hard Plastics (%)										
SRC-2009-D (110, 111, 112)	15	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-E (113, 114, 115)	12	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-F (116, 117, 118)	12	0.0	0.0	0.0	± 2.0	2.0				
Inert Content - Film Plastics (%)										
SRC-2009-D (110, 111, 112)	15	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-E (113, 114, 115)	12	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-F (116, 117, 118)	12	0.0	0.0	0.0	± 2.0	2.0				
Inert Content - Metals (%)										
SRC-2009-D (110, 111, 112)	12	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-E (113, 114, 115)	12	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-F (116, 117, 118)	12	0.0	0.0	0.0	± 2.0	2.0				
Inert Content - Glass (%)										
SRC-2009-D (110, 111, 112)	12	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-E (113, 114, 115)	12	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-F (116, 117, 118)	12	0.0	0.0	0.0	± 2.0	2.0				
Inert Content - Wood (%)										
SRC-2009-D (110, 111, 112)	9	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-E (113, 114, 115)	9	0.0	0.0	0.0	± 2.0	2.0				
SRC-2009-F (116, 117, 118)	9	0.0	0.0	0.0	± 2.0	2.0				

¹ Mean reported lab value, flagged exceeding warning Limits *** based on 95% CI of the Median.



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Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Seedling Emergence & Growth											
Cucumber Seedling Emergence (%)											
SRC-2009-D (110, 111, 112)	24	90	100	100	± 4.0	0.7					
SRC-2009-E (113, 114, 115)	24	30	101	91	± 2.5	2.6					
SRC-2009-F (116, 117, 118)	24	0	0	5.0	± 5.0	17.5					
Positive Control Emergence (%)											
SRC-2009-D (110, 111, 112)	21	100	100	100	± 10	0.0					
SRC-2009-E (113, 114, 115)	21	100	100	100	± 18	0.0					
SRC-2009-F (116, 117, 118)	21	100	100	100	± 17	0.0					
Negative Control Emergence (%)											
SRC-2009-D (110, 111, 112)	15	100	100	100	± 14	0.0					
SRC-2009-E (113, 114, 115)	15	100	100	100	± 94	0.0					
SRC-2009-F (116, 117, 118)	15	100	100	100	± 77	0.0					
Seedling Vigor (%)											
SRC-2009-D (110, 111, 112)	24	33	100	95	± 145	1.2					
SRC-2009-E (113, 114, 115)	24	1	101	48	± 145	2.0					
SRC-2009-F (116, 117, 118)	24	0	50	1	± 154	2.0					
Negative Control Vigor (%)											
SRC-2009-D (110, 111, 112)	15	0	100	35	± 100	2.0					
SRC-2009-E (113, 114, 115)	15	0	100	13	± 36	2.0					
SRC-2009-F (116, 117, 118)	15	0	100	22	± 64	3.8					
Relative Germination Rate (%)											
SRC-2009-D (110, 111, 112)	0	-	-	-	-	-					
SRC-2009-E (113, 114, 115)	0	-	-	-	-	-					
SRC-2009-F (116, 117, 118)	0	-	-	-	-	-					
Relative Root Elongation (%)											
SRC-2009-D (110, 111, 112)	0	-	-	-	-	-					
SRC-2009-E (113, 114, 115)	0	-	-	-	-	-					
SRC-2009-F (116, 117, 118)	0	-	-	-	-	-					

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Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				Mean ¹
							Rep 1	Rep 2	Rep 3	
Respirometry										
Total Solids of Respirometry (% ww basis)										
SRC-2009-D (110, 111, 112)	15	47	66	53	± 8	4.8				
SRC-2009-E (113, 114, 115)	15	39	65	56	± 10	2.1				
SRC-2009-F (116, 117, 118)	15	40	61	57	± 7	3.5				
LOI OM of Respirometry (% ww basis)										
SRC-2009-D (110, 111, 112)	15	26	38	32	± 4.3	4.2				
SRC-2009-E (113, 114, 115)	15	47	73	50	± 4.6	3.0				
SRC-2009-F (116, 117, 118)	15	48	72	51	± 3.2	1.4				
Carbon Dioxide Evolution I (mg/gTS/d)										
SRC-2009-D (110, 111, 112)	24	0.10	0.82	0.26	± 1.25	18.0				
SRC-2009-E (113, 114, 115)	24	0.50	2.90	1.80	± 2.98	8.5				
SRC-2009-F (116, 117, 118)	24	0.55	4.28	2.30	± 3.31	4.8				
Carbon Dioxide Evolution II (mg/gOM/d)										
SRC-2009-D (110, 111, 112)	24	0.2	2.0	0.7	± 1.3	18.4				
SRC-2009-E (113, 114, 115)	24	0.6	5.9	1.7	± 3.0	8.6				
SRC-2009-F (116, 117, 118)	24	0.7	8.5	1.9	± 3.3	5.8				
Dewar Self Heating Test										
SRC-2009-D (110, 111, 112)	0	-	-	-	-	-				
SRC-2009-E (113, 114, 115)	0	-	-	-	-	-				
SRC-2009-F (116, 117, 118)	0	-	-	-	-	-				
Solvita Maturity Index										
SRC-2009-D (110, 111, 112)	0	-	-	-	-	-				
SRC-2009-E (113, 114, 115)	0	-	-	-	-	-				
SRC-2009-F (116, 117, 118)	0	-	-	-	-	-				

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Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				Mean ¹
							Rep 1	Rep 2	Rep 3	
Biologically Available Carbon I										
SRC-2009-D (110, 111, 112)	3	0.62	0.69	0.64	± 0.06	5.5				
SRC-2009-E (113, 114, 115)	3	2.20	3.00	2.30	± 0.29	17.4				
SRC-2009-F (116, 117, 118)	3	4.30	6.90	5.20	± 2.61	24.2				
Biologically Available Carbon II										
SRC-2009-D (110, 111, 112)	3	1.70	2.00	2.00	± 0.00	9.1				
SRC-2009-E (113, 114, 115)	3	4.30	6.00	4.80	± 1.45	17.4				
SRC-2009-F (116, 117, 118)	3	8.40	14.00	10.00	± 4.64	26.7				
Microbiology Pathogens										
Total Coliform Bacteria MPN/g dw basis										
SRC-2009-D (110, 111, 112)	9	16	110	36	± 58	30.0				
SRC-2009-E (113, 114, 115)	9	50	700	700	± 100	100.0				
SRC-2009-F (116, 117, 118)	9	3	3	3	± 2	20.0				
Fecal Coliform Bacteria MPN/g dw basis										
SRC-2009-D (110, 111, 112)	21	0	4	2	± 4	19.0				
SRC-2009-E (113, 114, 115)	21	0	3	0	± 1	41.0				
SRC-2009-F (116, 117, 118)	21	0	3	1	± 3	32.0				
Escherichia coli MPN/g dw basis										
SRC-2009-D (110, 111, 112)	6	0	3	1	± 4	-				
SRC-2009-E (113, 114, 115)	6	0	3	1	± 4	-				
SRC-2009-F (116, 117, 118)	3	0	3	1	± 4	-				
Salmonella MPN/g dw basis										
SRC-2009-D (110, 111, 112)	9	0	3	2	± 4	-				
SRC-2009-E (113, 114, 115)	9	0	3	2	± 4	-				
SRC-2009-F (116, 117, 118)	9	0	3	2	± 4	-				
Viability of Ascaris Ova MPN/g dw basis										
SRC-2009-D (110, 111, 112)	0	-	-	-	-	-				
SRC-2009-E (113, 114, 115)	0	-	-	-	-	-				
SRC-2009-F (116, 117, 118)	0	-	-	-	-	-				

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