



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				R _p (%)	Mean ¹
							Rep 1	Rep 2	Rep 3		
Solids, LOI and CEC											
Moisture Content % (w/w basis)											
SRC-2009-A (101, 102, 103)	42	26.7	34.7	28.3	± 1.65	0.8					
SRC-2009-B (104, 105, 106)	42	22.5	29.7	24.9	± 2.13	2.6					
SRC-2009-C (107, 108, 109)	42	45.8	60.2	48.8	± 1.67	0.6					
Total Solids % Dried 105° C for 2.5 hr (w/w basis)											
SRC-2009-A (101, 102, 103)	45	68.8	74.5	71.8	± 1.74	0.30					
SRC-2009-B (104, 105, 106)	45	72.3	81.0	75.2	± 2.35	0.86					
SRC-2009-C (107, 108, 109)	45	49.4	54.3	51.3	± 1.47	0.61					
Loss-On-Ignition 05.07-A (% w/w)											
SRC-2009-A (101, 102, 103)	42	23.4	33.71	25.1	± 1.6	2.4					
SRC-2009-B (104, 105, 106)	42	24.0	32.251	27.0	± 2.1	2.5					
SRC-2009-C (107, 108, 109)	42	35.0	49.403	37.3	± 1.5	1.0					
Cation Exchange Capacity (cmol kg⁻¹)											
SRC-2009-A (101, 102, 103)	12	27.3	52.68	33.0	± 12.1	4.7					
SRC-2009-B (104, 105, 106)	12	27.8	37.65	30.9	± 4.8	5.3					
SRC-2009-C (107, 108, 109)	12	28.6	62.74	53.0	± 24.2	4.1					
Saturated Paste Constituents											
pH (Unit)											
SRC-2009-A (101, 102, 103)	12	7.8	8.7	8.25	± 0.73	1.1					
SRC-2009-B (104, 105, 106)	12	7.0	7.68	7.43	± 0.30	0.8					
SRC-2009-C (107, 108, 109)	12	7.0	7.67	7.45	± 0.57	0.3					
EC (dS/m)											
SRC-2009-A (101, 102, 103)	9	7.5	22.2	19.2	± 5.3	3.7					
SRC-2009-B (104, 105, 106)	9	3.8	13.5	11.8	± 3.9	4.3					
SRC-2009-C (107, 108, 109)	9	23.8	34.9	28.6	± 13.1	3.3					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				Mean ¹
							Rep 1	Rep 2	Rep 3	
Extractable Constituents (1:5) dry basis										
pH_{1:5} 04.11-A (Unit)										
SRC-2009-A (101, 102, 103)	39	7.8	9.3	8.59	± 0.61	0.6				
SRC-2009-B (104, 105, 106)	39	7.5	8.5	8.11	± 0.72	1.19				
SRC-2009-C (107, 108, 109)	39	7.3	8.3	7.48	± 0.44	0.23				
EC_{1:5} 04.10-A (dS/m)										
SRC-2009-A (101, 102, 103)	39	4.9	11.2	6.7	± 1.8	3.1				
SRC-2009-B (104, 105, 106)	39	2.4	5.1	3.1	± 0.73	4.2				
SRC-2009-C (107, 108, 109)	39	9.1	34.9	14.5	± 7.6	2.6				
Ca_{1:5} (mg/L)										
SRC-2009-A (101, 102, 103)	15	3.9	63	46.5	± 27.8	7.3				
SRC-2009-B (104, 105, 106)	15	8.4	92	60.5	± 43.4	10.7				
SRC-2009-C (107, 108, 109)	15	38.0	785	546	± 314	7.7				
Mg_{1:5} (mg/L)										
SRC-2009-A (101, 102, 103)	15	1.8	42	37.2	± 8.0	7.5				
SRC-2009-B (104, 105, 106)	15	0.9	21	16.8	± 5.3	12.1				
SRC-2009-C (107, 108, 109)	15	15.0	451	267	± 161	9.1				
Na_{1:5} (mg/L)										
SRC-2009-A (101, 102, 103)	15	37	579	535	± 105	2.3				
SRC-2009-B (104, 105, 106)	15	7	105	76	± 14	4.3				
SRC-2009-C (107, 108, 109)	15	88	3076	1559	± 682	10.8				
PO₄-P_{1:5} (mg/L)										
SRC-2009-A (101, 102, 103)	12	3	34	27	± 12	6.3				
SRC-2009-B (104, 105, 106)	12	2	126	9	± 15	9.7				
SRC-2009-C (107, 108, 109)	12	3	41	22	± 34	6.7				
Cl_{1:5} (mg/L)										
SRC-2009-A (101, 102, 103)	21	711	1280	978	± 241	2.5				
SRC-2009-B (104, 105, 106)	21	51	624	460	± 114	4.3				
SRC-2009-C (107, 108, 109)	21	309	4297	2200	± 1380	6.6				

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				R _p (%)	Mean ¹
							Rep 1	Rep 2	Rep 3		
SO₄-S_{1:5} (mg/L)											
SRC-2009-A (101, 102, 103)	21	16	708	235	± 545	3.0					
SRC-2009-B (104, 105, 106)	21	4	114	44	± 109	6.4					
SRC-2009-C (107, 108, 109)	21	104	8521	1850	± 2486	6.5					
NO₃-N_{1:5} (mg/L)											
SRC-2009-A (101, 102, 103)	21	145	303	201	± 58	8.5					
SRC-2009-B (104, 105, 106)	21	46	131	94	± 52	8.7					
SRC-2009-C (107, 108, 109)	21	117	491	233	± 247	2.1					
NH₄-N_{1:5} (mg/L)											
SRC-2009-A (101, 102, 103)	21	0.3	38	6	± 8	8.8					
SRC-2009-B (104, 105, 106)	21	2.0	166	16	± 23	8.7					
SRC-2009-C (107, 108, 109)	21	1.0	60	7	± 6	6.4					
Carbon, Nitrogen & Sulfur dry basis											
TKN - 04.02-A (% w/w)											
SRC-2009-A (101, 102, 103)	15	0.73	1.4	1.13	± 0.06	1.2					
SRC-2009-B (104, 105, 106)	15	0.78	1.3	1.04	± 0.38	2.3					
SRC-2009-C (107, 108, 109)	15	0.61	2	1.55	± 0.56	2.5					
N - Combustion 04.02-D (% w/w)											
SRC-2009-A (101, 102, 103)	45	0.89	2.18	1.22	± 0.32	3.1					
SRC-2009-B (104, 105, 106)	45	0.88	2.28	1.19	± 0.29	4.8					
SRC-2009-C (107, 108, 109)	45	0.85	2.46	1.70	± 0.20	2.3					
TOC 04.01-A (% w/w)											
SRC-2009-A (101, 102, 103)	39	8.6	22.9	12.3	± 3.8	3.1					
SRC-2009-B (104, 105, 106)	39	10.2	23.4	13.8	± 3.9	2.9					
SRC-2009-C (107, 108, 109)	39	9.1	38.6	19.0	± 3.9	2.2					
C:N 05.02-A (Ratio)											
SRC-2009-A (101, 102, 103)	33	9.2	15.0	10.1	± 2.2	4.5					
SRC-2009-B (104, 105, 106)	33	10.2	20.0	12.3	± 2.2	6.8					
SRC-2009-C (107, 108, 109)	33	10.0	18.3	11.2	± 1.0	3.4					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				Mean ¹
							Rep 1	Rep 2	Rep 3	
CCE- Analysis (% w/w)										
SRC-2009-A (101, 102, 103)	6	6.5	9.4	7.2	± 2.1	2.6				
SRC-2009-B (104, 105, 106)	6	3.3	7.6	4.9	± 4.1	5.9				
SRC-2009-C (107, 108, 109)	6	4.2	12.7	7.0	± 8.0	1.4				
S - Combustion (% w/w)										
SRC-2009-A (101, 102, 103)	12	0.2	0.38	0.33	± 0.03	4.6				
SRC-2009-B (104, 105, 106)	12	0.2	0.24	0.19	± 0.04	5.0				
SRC-2009-C (107, 108, 109)	12	1.9	2.21	2.12	± 0.19	4.5				
C:S 05.02-A (Ratio)										
SRC-2009-A (101, 102, 103)	9	36	93	39.4	± 9.1	5.5				
SRC-2009-B (104, 105, 106)	9	64	144	86.2	± 44	6.5				
SRC-2009-C (107, 108, 109)	9	8	15	9.6	± 1.7	6.7				
NO₃-N 04.02-B (mg/kg)										
SRC-2009-A (101, 102, 103)	24	594	1783	870	± 325	4.6				
SRC-2009-B (104, 105, 106)	24	39	719	305	± 290	10.6				
SRC-2009-C (107, 108, 109)	24	49	2857	756	± 707	5.1				
NH₄-N 04.02-C (mg/kg)										
SRC-2009-A (101, 102, 103)	21	4.2	736	16	± 20	8.7				
SRC-2009-B (104, 105, 106)	20	5.0	727	116	± 279	9.4				
SRC-2009-C (107, 108, 109)	21	2.0	1336	23	± 47	6.1				
NH₄-N / NO₃-N Ratio										
SRC-2009-A (101, 102, 103)	15	0.0	0.06	0.02	± 0.02	10.8				
SRC-2009-B (104, 105, 106)	15	0.0	0.89	0.52	± 0.94	13.0				
SRC-2009-C (107, 108, 109)	15	0.0	0.04	0.01	± 0.01	7.4				

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

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											
Al 04.07-Ag (mg/kg)											
SRC-2009-A (101, 102, 103)	27	3418	10845	8385	± 3812	4.4					
SRC-2009-B (104, 105, 106)	27	1763	7623	4600	± 1615	4.3					
SRC-2009-C (107, 108, 109)	27	1036	5769	3500	± 1421	5.6					
Ag 04.07-Ag (mg/kg)											
SRC-2009-A (101, 102, 103)	6	0.0	0.16	0.00	± 0.20	20.0					
SRC-2009-B (104, 105, 106)	6	0.0	0.17	0.00	± 0.20	15.0					
SRC-2009-C (107, 108, 109)	6	0.0	0.00	0.00	± 0.20	50.0					
B 04.05-B (mg/kg)											
SRC-2009-A (101, 102, 103)	42	18	57	40.7	± 26.1	2.5					
SRC-2009-B (104, 105, 106)	42	17	46	30.0	± 15.7	5.0					
SRC-2009-C (107, 108, 109)	42	19	61	38.8	± 23.6	3.5					
Ba 04.07-Ba (mg/kg)											
SRC-2009-A (101, 102, 103)	18	93	152	118	± 13	3.0					
SRC-2009-B (104, 105, 106)	18	77	162	135	± 43	5.0					
SRC-2009-C (107, 108, 109)	18	56	151	97	± 11	3.8					
Be 04.06-Be (mg/kg)											
SRC-2009-A (101, 102, 103)	12	0.0	0.50	0.35	± 0.32	3.8					
SRC-2009-B (104, 105, 106)	12	0.0	0.50	0.27	± 0.40	2.3					
SRC-2009-C (107, 108, 109)	12	0.0	0.50	0.15	± 0.29	4.2					
Ca 04.05-Ca (%)											
SRC-2009-A (101, 102, 103)	45	2.0	3.14	2.67	± 0.35	2.8					
SRC-2009-B (104, 105, 106)	44	1.8	2.76	2.28	± 0.36	3.1					
SRC-2009-C (107, 108, 109)	42	5.0	7.86	7.10	± 0.87	3.7					
Cd 04.06-Cd (mg/kg)											
SRC-2009-A (101, 102, 103)	30	0.0	2.13	0.42	± 1.01	5.3					
SRC-2009-B (104, 105, 106)	30	0.0	3.49	0.47	± 1.09	5.9					
SRC-2009-C (107, 108, 109)	30	0.0	2.26	0.43	± 1.00	3.8					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)				R _p (%)	Mean ¹
							Rep 1	Rep 2	Rep 3		
Co 04.06-Cu (mg/kg)											
SRC-2009-A (101, 102, 103)	24	1.9	6.2	4.5	± 1.3	3.6					
SRC-2009-B (104, 105, 106)	24	0.2	3.3	2.3	± 1.1	4.3					
SRC-2009-C (107, 108, 109)	24	0.2	3.7	2.3	± 1.3	6.1					
Cr 04.06-Cr (mg/kg)											
SRC-2009-A (101, 102, 103)	27	6.0	23.0	15.0	± 11.1	4.7					
SRC-2009-B (104, 105, 106)	27	3.3	40.7	11.3	± 12.8	7.2					
SRC-2009-C (107, 108, 109)	27	7.7	29.6	21.3	± 11.5	9.6					
Cs 04.06-Cs (mg/kg)											
SRC-2009-A (101, 102, 103)	3	1.3	1.52	1.38	± 0.32	9.0					
SRC-2009-B (104, 105, 106)	3	0.7	0.84	0.77	± 0.20	9.2					
SRC-2009-C (107, 108, 109)	3	0.5	0.51	0.49	± 0.05	3.4					
Cu 04.06-Cu (mg/kg)											
SRC-2009-A (101, 102, 103)	45	145	324	271	± 44	3.0					
SRC-2009-B (104, 105, 106)	45	14	91	22.4	± 7.6	6.9					
SRC-2009-C (107, 108, 109)	45	27	80	49.3	± 17.9	2.6					
Fe 04.05-Fe (mg/kg)											
SRC-2009-A (101, 102, 103)	42	6135	15697	11596	± 3003	4.6					
SRC-2009-B (104, 105, 106)	42	2573	13381	6790	± 3132	5.5					
SRC-2009-C (107, 108, 109)	42	2861	11961	8081	± 2850	6.2					
K 04.04-K (%)											
SRC-2009-A (101, 102, 103)	45	1.2	1.88	1.63	± 0.29	2.8					
SRC-2009-B (104, 105, 106)	45	0.8	1.17	0.99	± 0.20	3.3					
SRC-2009-C (107, 108, 109)	45	1.4	2.29	1.99	± 0.49	1.8					
Li 04.04 (mg/kg)											
SRC-2009-A (101, 102, 103)	12	5.4	135	10.6	± 6.0	4.2					
SRC-2009-B (104, 105, 106)	12	2.6	145	7.4	± 7.7	6.4					
SRC-2009-C (107, 108, 109)	12	1.5	126	4.7	± 4.9	5.9					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Mg 04.05-Mg (%)											
SRC-2009-A (101, 102, 103)	45	0.7	1.04	0.92	± 0.09	2.6					
SRC-2009-B (104, 105, 106)	45	0.3	0.49	0.35	± 0.06	4.2					
SRC-2009-C (107, 108, 109)	45	0.5	0.77	0.67	± 0.10	2.4					
Mn 04.06-Mn (mg/kg)											
SRC-2009-A (101, 102, 103)	45	186	325	275	± 63	2.7					
SRC-2009-B (104, 105, 106)	45	125	251	170	± 55	3.9					
SRC-2009-C (107, 108, 109)	45	179	351	273	± 66	2.4					
Mo 0.406-Mo (mg/kg)											
SRC-2009-A (101, 102, 103)	30	0.2	4.00	2.08	± 1.88	5.8					
SRC-2009-B (104, 105, 106)	27	0.0	5.08	0.75	± 1.75	9.8					
SRC-2009-C (107, 108, 109)	30	0.9	8.95	7.02	± 1.90	6.0					
Na 04.05-Na (%)											
SRC-2009-A (101, 102, 103)	42	0.3	0.41	0.36	± 0.05	2.9					
SRC-2009-B (104, 105, 106)	42	0.0	0.50	0.05	± 0.03	1.6					
SRC-2009-C (107, 108, 109)	42	0.7	1.16	0.99	± 0.19	2.1					
Ni 04.06-Ni (mg/kg)											
SRC-2009-A (101, 102, 103)	30	4.6	56	11.8	± 4.5	4.0					
SRC-2009-B (104, 105, 106)	30	2.5	37	6.3	± 5.8	7.8					
SRC-2009-C (107, 108, 109)	30	3.3	29	5.9	± 5.1	6.1					
P 04.03 (%)											
SRC-2009-A (101, 102, 103)	45	0.4	0.50	0.47	± 0.07	2.4					
SRC-2009-B (104, 105, 106)	45	0.2	0.24	0.20	± 0.03	4.8					
SRC-2009-C (107, 108, 109)	45	0.6	0.98	0.89	± 0.15	1.8					
Pb 04.06-Pb (mg/kg)											
SRC-2009-A (101, 102, 103)	30	5.1	45	7.7	± 3.7	9.7					
SRC-2009-B (104, 105, 106)	30	13.7	64	18.7	± 5.7	12.0					
SRC-2009-C (107, 108, 109)	30	0.0	60	3.3	± 2.8	11.3					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Sb 04.07-Sb (mg/kg)											
SRC-2009-A (101, 102, 103)	13	0.0	1.13	0.26	± 0.70	5.6					
SRC-2009-B (104, 105, 106)	12	0.0	2.72	0.49	± 0.83	8.2					
SRC-2009-C (107, 108, 109)	11	0.0	4.03	0.50	± 1.45	10.2					
Sr 04.06-Sr (mg/kg)											
SRC-2009-A (101, 102, 103)	18	115	148	134	± 20	2.9					
SRC-2009-B (104, 105, 106)	18	56	88	78	± 9	4.5					
SRC-2009-C (107, 108, 109)	18	155	287	256	± 45	2.6					
V 04.06-V (mg/kg)											
SRC-2009-A (101, 102, 103)	18	10	29	18.4	± 11.7	2.8					
SRC-2009-B (104, 105, 106)	18	6	17	12.3	± 6.8	3.6					
SRC-2009-C (107, 108, 109)	18	18	61	44.6	± 15.7	9.9					
Zn 04.06-Zn (mg/kg)											
SRC-2009-A (101, 102, 103)	45	65	199	165	± 36	2.1					
SRC-2009-B (104, 105, 106)	45	39	125	100	± 32	3.3					
SRC-2009-C (107, 108, 109)	45	72	181	150	± 39	2.5					
As 04.06-As (ug/kg)											
SRC-2009-A (101, 102, 103)	30	1.6	9.90	3.35	± 1.91	9.0					
SRC-2009-B (104, 105, 106)	29	1.2	9.50	2.31	± 2.00	7.2					
SRC-2009-C (107, 108, 109)	30	3.3	16.5	7.10	± 3.34	6.6					
Hg 04.06-Hg (ug/kg)											
SRC-2009-A (101, 102, 103)	21	0.0	1.37	0.018	± 0.024	9.2					
SRC-2009-B (104, 105, 106)	21	0.0	0.56	0.039	± 0.025	12.8					
SRC-2009-C (107, 108, 109)	21	0.0	1.45	0.020	± 0.024	6.8					
Se 04.06-Se (ug/kg)											
SRC-2009-A (101, 102, 103)	24	0.0	6.90	1.01	± 1.64	7.5					
SRC-2009-B (104, 105, 106)	21	0.0	5.70	0.31	± 0.65	12.7					
SRC-2009-C (107, 108, 109)	24	0.0	14.4	1.35	± 0.84	6.2					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Inert Contents											
Sieve Size Classification (% > 9.5 mm)											
SRC-2009-A (101, 102, 103)	21	0.0	1.8	0.0	± 2.8	112					
SRC-2009-B (104, 105, 106)	18	0.0	2.0	0.0	± 4.6	173					
SRC-2009-C (107, 108, 109)	15	0.0	6.4	0.0	± 16.0	12.1					
Inert Content - Hard Plastics (%)											
SRC-2009-A (101, 102, 103)	15	0.0	0.0	0.0	± 1.5	-					
SRC-2009-B (104, 105, 106)	12	0.0	0.0	0.0	± 1.5	-					
SRC-2009-C (107, 108, 109)	9	0.0	0.0	0.0	± 1.5	-					
Inert Content - Film Plastics (%)											
SRC-2009-A (101, 102, 103)	15	0.0	0.0	0.0	± 0.3	-					
SRC-2009-B (104, 105, 106)	12	0.0	0.0	0.0	± 0.3	-					
SRC-2009-C (107, 108, 109)	9	0.0	0.0	0.0	± 0.3	-					
Inert Content - Metals (%)											
SRC-2009-A (101, 102, 103)	12	0.0	0.0	0.0	± 1.5	-					
SRC-2009-B (104, 105, 106)	12	0.0	0.0	0.0	± 1.5	-					
SRC-2009-C (107, 108, 109)	9	0.0	0.0	0.0	± 1.5	-					
Inert Content - Glass (%)											
SRC-2009-A (101, 102, 103)	12	0.0	0.0	0.0	± 0.3	-					
SRC-2009-B (104, 105, 106)	12	0.0	0.0	0.0	± 0.3	-					
SRC-2009-C (107, 108, 109)	9	0.0	0.0	0.0	± 0.3	-					
Inert Content - Wood (%)											
SRC-2009-A (101, 102, 103)	9	0.0	0.0	0.0	± 0.3	-					
SRC-2009-B (104, 105, 106)	9	0.0	0.0	0.0	± 0.3	-					
SRC-2009-C (107, 108, 109)	6	0.0	0.0	0.0	± 0.3	-					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

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-A (101, 102, 103)	24	56	100	96	± 11	1.0					
SRC-2009-B (104, 105, 106)	24	80	100	100	± 5	0.0					
SRC-2009-C (107, 108, 109)	24	0	100	75	± 58	1.8					
Positive Control Emergence (%)											
SRC-2009-A (101, 102, 103)	21	97	100	100	± 5	0.0					
SRC-2009-B (104, 105, 106)	21	100	100	100	± 5	0.0					
SRC-2009-C (107, 108, 109)	21	91	100	100	± 5	0.0					
Negative Control Emergence (%)											
SRC-2009-A (101, 102, 103)	15	100	100	100	± 5	0.0					
SRC-2009-B (104, 105, 106)	15	100	100	100	± 5	0.0					
SRC-2009-C (107, 108, 109)	15	94	100	100	± 5	0.0					
Seedling Vigor (%)											
SRC-2009-A (101, 102, 103)	24	0	100	66	± 99	3.5					
SRC-2009-B (104, 105, 106)	24	5	106	100	± 11	1.4					
SRC-2009-C (107, 108, 109)	24	0	100	19	± 55	2.3					
Negative Control Vigor (%)											
SRC-2009-A (101, 102, 103)	15	0	100	69	± 90	0.0					
SRC-2009-B (104, 105, 106)	15	0	100	63	± 107	0.0					
SRC-2009-C (107, 108, 109)	15	0	100	63	± 107	0.0					
Relative Germination Rate (%)											
SRC-2009-A (101, 102, 103)	0	-	-	-	-	-					
SRC-2009-B (104, 105, 106)	0	-	-	-	-	-					
SRC-2009-C (107, 108, 109)	0	-	-	-	-	-					
Relative Root Elongation (%)											
SRC-2009-A (101, 102, 103)	0	-	-	-	-	-					
SRC-2009-B (104, 105, 106)	0	-	-	-	-	-					
SRC-2009-C (107, 108, 109)	0	-	-	-	-	-					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

Tier I Analysis	No.	Min	Max	Median	95% CI	R _d (%)	Rep 1	Rep 2	Rep 3	R _p (%)	Mean ¹
Respirometry											
Total Solids of Respirometry (% ww basis)											
SRC-2009-A (101, 102, 103)	15	1	71	67	± 13	0.9					
SRC-2009-B (104, 105, 106)	15	34	77	68	± 23	1.3					
SRC-2009-C (107, 108, 109)	15	50	57	51	± 2	0.9					
LOI OM of Respirometry (% ww basis)											
SRC-2009-A (101, 102, 103)	15	24	29	26.0	± 2.9	2.6					
SRC-2009-B (104, 105, 106)	15	24	32	27.4	± 3.8	2.6					
SRC-2009-C (107, 108, 109)	15	36	41	38.6	± 3.6	1.0					
Carbon Dioxide Evolution I (mg/gTS/d)											
SRC-2009-A (101, 102, 103)	24	0.04	0.55	0.30	± 0.29	16.2					
SRC-2009-B (104, 105, 106)	24	0.10	0.49	0.20	± 0.23	18.7					
SRC-2009-C (107, 108, 109)	24	0.11	0.68	0.39	± 0.46	3.3					
Carbon Dioxide Evolution II (mg/gOM/d)											
SRC-2009-A (101, 102, 103)	24	0.13	2.61	0.80	± 0.57	22.5					
SRC-2009-B (104, 105, 106)	24	0.25	2.01	0.70	± 0.58	20.6					
SRC-2009-C (107, 108, 109)	24	0.15	1.60	0.75	± 0.73	7.3					
Dewar Self Heating Test											
SRC-2009-A (101, 102, 103)	0	-	-	-	-	-					
SRC-2009-B (104, 105, 106)	0	-	-	-	-	-					
SRC-2009-C (107, 108, 109)	0	-	-	-	-	-					
Solvita Maturity Index											
SRC-2009-A (101, 102, 103)	0	-	-	-	-	-					
SRC-2009-B (104, 105, 106)	0	-	-	-	-	-					
SRC-2009-C (107, 108, 109)	0	-	-	-	-	-					

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



COMPOST ANALYSIS PROFICIENCY PROGRAM REPORT: 1st Round 2009

September 30, 2009

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-A (101, 102, 103)	3	0.27	0.39	0.31	± 0.12	18.9				
SRC-2009-B (104, 105, 106)	3	0.23	0.28	0.25	± 0.06	9.9				
SRC-2009-C (107, 108, 109)	3	0.39	0.42	0.40	± 0.03	3.8				
Biologically Available Carbon II										
SRC-2009-A (101, 102, 103)	3	1.10	1.50	1.20	± 0.29	16.4				
SRC-2009-B (104, 105, 106)	3	0.80	1.00	0.90	± 0.29	11.1				
SRC-2009-C (107, 108, 109)	3	1.10	1.10	1.10	± 0.00	0.0				
Microbiology Pathogens										
Total Coliform Bacteria MPN/g dw basis										
SRC-2009-A (101, 102, 103)	9	1	62	2	± 3	24.6				
SRC-2009-B (104, 105, 106)	9	30	1400	62	± 93	75.0				
SRC-2009-C (107, 108, 109)	9	2	460	43	± 119	83.7				
Fecal Coliform Bacteria MPN/g dw basis										
SRC-2009-A (101, 102, 103)	21	0	3	2	± 2	0.0				
SRC-2009-B (104, 105, 106)	21	0	670	20	± 55	84.0				
SRC-2009-C (107, 108, 109)	21	0	5	2	± 3	0.0				
Escherichia coli MPN/g dw basis										
SRC-2009-A (101, 102, 103)	6	0	3	1	± 3	0.0				
SRC-2009-B (104, 105, 106)	6	0	23	6	± 16	136				
SRC-2009-C (107, 108, 109)	3	1	1	1	± 3	0.0				
Salmonella MPN/g dw basis										
SRC-2009-A (101, 102, 103)	9	0	3	1	± 3	0.0				
SRC-2009-B (104, 105, 106)	9	0	3	1	± 3	0.0				
SRC-2009-C (107, 108, 109)	9	0	3	1	± 3	0.0				
Viability of Ascaris Ova MPN/g dw basis										
SRC-2009-A (101, 102, 103)	0	-	-	-	-	-				
SRC-2009-B (104, 105, 106)	0	-	-	-	-	-				
SRC-2009-C (107, 108, 109)	0	-	-	-	-	-				

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