

Table S1. Properties of composts from different temperature variants \pm st. dev.; d.m. – dry matter

Process T, °C	Aeration rate, L·h ⁻¹	pH	EC, mS·cm ⁻¹	TOC, % d.m.	TN, % d.m.	C/N	Water content, %	LOI, % d.m.	NH ₄ -N, mg·kg d.m. ⁻¹	NO ₃ -N, mg·kg d.m. ⁻¹	AT ₄ , mg O ₂ :g d.m. ⁻¹
35	2.7	8.43 \pm 0.07	2.65 \pm 0.02	33.46 \pm 0.01	1.75 \pm 0.00	19	56.20 \pm 1.09	63.51 \pm 0.25	12.90 \pm 0.48	27.97 \pm 13.08	13.0 \pm 0.3
	3.4	8.41 \pm 0.02	2.63 \pm 0.03	33.19 \pm 0.09	1.81 \pm 0.02	18	55.31 \pm 1.58	63.04 \pm 0.07	14.32 \pm 0.32	38.37 \pm 18.19	12.9 \pm 0.1
	4.8	8.51 \pm 0.03	2.67 \pm 0.04	32.62 \pm 0.03	1.75 \pm 0.01	19	51.55 \pm 0.03	62.39 \pm 0.22	11.24 \pm 0.44	25.26 \pm 7.14	12.9 \pm 0.9
	7.8	8.60 \pm 0.05	2.69 \pm 0.01	32.56 \pm 0.05	1.85 \pm 0.01	18	54.02 \pm 4.47	61.09 \pm 0.25	9.67 \pm 0.46	19.46 \pm 7.53	12.7 \pm 0.1
45	2.7	5.26 \pm 0.02	4.95 \pm 0.03	35.30 \pm 0.15	1.65 \pm 0.00	20	56.23 \pm 0.05	63.18 \pm 0.52	1461.07 \pm 0.16	74.54 \pm 10.49	71.9 \pm 3.1
	3.4	7.38 \pm 0.03	4.55 \pm 0.03	32.37 \pm 1.03	1.75 \pm 0.03	19	56.06 \pm 0.30	62.30 \pm 0.19	821.07 \pm 39.14	57.63 \pm 13.21	33.7 \pm 3.7
	4.8	7.42 \pm 0.02	4.04 \pm 0.02	33.81 \pm 0.47	1.83 \pm 0.06	17	51.57 \pm 1.02	60.58 \pm 0.02	649.90 \pm 11.83	80.99 \pm 4.68	40.7 \pm 1.1
	7.8	7.46 \pm 0.01	3.52 \pm 0.01	33.17 \pm 0.22	1.77 \pm 0.03	18	49.91 \pm 0.98	61.14 \pm 0.19	457.19 \pm 11.43	47.31 \pm 11.57	37.5 \pm 3.1
55	2.7	8.30 \pm 0.01	2.49 \pm 0.01	32.03 \pm 0.38	1.71 \pm 0.03	19	47.54 \pm 0.99	60.84 \pm 0.46	390.86 \pm 12.12	28.00 \pm 8.89	36.0 \pm 0.8
	3.4	8.29 \pm 0.01	2.39 \pm 0.01	31.69 \pm 0.01	1.85 \pm 0.05	17	41.45 \pm 1.02	58.42 \pm 1.38	137.69 \pm 5.44	86.58 \pm 3.99	16.0 \pm 0.8
	4.8	8.25 \pm 0.03	2.28 \pm 0.03	31.33 \pm 0.71	1.73 \pm 0.00	18	38.78 \pm 0.78	60.20 \pm 0.16	140.44 \pm 1.04	24.02 \pm 7.63	9.8 \pm 0.6
	7.8	8.29 \pm 0.01	2.39 \pm 0.03	30.21 \pm 0.25	1.86 \pm 0.02	16	38.55 \pm 0.68	59.54 \pm 0.03	72.15 \pm 3.69	21.25 \pm 3.80	13.7 \pm 1.1
65	2.7	7.53 \pm 0.08	2.84 \pm 0.01	36.00 \pm 0.21	1.94 \pm 0.04	19	59.30 \pm 1.44	66.84 \pm 0.47	265.36 \pm 9.38	10.07 \pm 2.78	24.6 \pm 0.1
	3.4	7.53 \pm 0.05	2.88 \pm 0.00	35.94 \pm 0.10	2.02 \pm 0.02	18	50.74 \pm 1.16	67.69 \pm 0.17	194.42 \pm 6.45	3.25 \pm 00	20.7 \pm 0.4
	4.8	7.74 \pm 0.01	2.56 \pm 0.04	35.81 \pm 1.16	1.87 \pm 0.07	19	51.34 \pm 0.11	67.57 \pm 0.92	95.25 \pm 1.31	25.17 \pm 2.47	18.6 \pm 1.1
	7.8	7.81 \pm 0.02	2.55 \pm 0.03	35.17 \pm 0.14	2.02 \pm 0.06	17	55.33 \pm 0.76	66.62 \pm 0.38	114.77 \pm 0.00	18.23 \pm 5.22	32.1 \pm 0.7