

Table S1. Dry matter and carbon (C) concentrations of manure used in the period 2012–2018.

Year	Subsequent crop	Dry matter (%)	C (%)	Manure rate (Mg ha ⁻¹)	Dry manure (Mg ha ⁻¹)	C input (Mg ha ⁻¹)	C input (Mg ha ⁻¹ y ⁻¹)
2008–2012	Potato	44.8	15.7	40	17.9	2.81	0.562
2013	Potato	44.8	17.1	20	8.96	1.53	0.613
2013	Potato	44.8	17.1	10	4.48	0.77	
2013	Barley	44.8	17.1	10	4.48	0.77	
2014	Potato	35	18.5	20	7	1.30	0.518
2014	Barley	35	18.5	10	3.5	0.65	
	Winter wheat	35	18.5	10	3.5	0.65	
2014	Potato	16	20.6	20	3.2	0.66	0.264
2015	Barley	16	20.6	10	1.6	0.33	
	Winter wheat	16	20.6	10	1.6	0.33	
2015	Potato	57	11.26	20	11.4	1.28	0.513
2016	Barley	57	11.26	10	5.7	0.64	
	Winter wheat	57	11.26	10	5.7	0.64	
2016	Potato	21.3	35.6	20	4.26	1.52	0.607
2017	Barley	21.3	35.6	10	2.13	0.76	
	Winter wheat	21.3	35.6	10	2.13	0.76	
2017	wheat	21.3	35.6	Average 2013–2017		0.76	0.503