Table S1 Overview of the composition of input samples and bioenergy crops from the different biogas plants investigated in 2012 (A) and 2013 (B)

A

Biogas plant	Input sample composition (in percent)	Supplemented bioenergy crops (t per day)
BGA 001	75% slurry (3:1 fatting pig to dairy cattle) 25% manure (6:0.5 cattle to laying henns)	7 corn 1.2 forage rye
BGA 002	50% slurry (3:1 fatting pig to dairy cattle) 50% manure (1:1:2 horse to chicken to cattle	8 corn 8 forage rye
BGA 005	73% dairy cattle slurry 27% manure (2:1 cattle to fatting chicken)	9 corn 0.6 grass silage
BGA 006	83% slurry (1:1 dairy cattle to breeding sow) 17% dairy cattle manure	9.3 corn 0.3 grass silage 6 rye silage 0.5 barley
BGA 012	100% chicken manure	25.5 corn

B

	Time point	Input sample composition (in percent)	Supplemented bioenergy crops (t per day)
BGA 001	February	43% slurry (cattle) 57% manure (5:1 cattle to chicken)	7.5 corn 1.5 forage rye
	April	49% slurry (3:1 pig to cattle) 51% manure (5:1 cattle to chicken)	6.5 corn 1.5 forage rye
	July	46% slurry (pig) 54% manure (6:1 cattle to chicken)	6 corn 2 forage rye
	October	54% slurry (20:1 cattle to pig) 55% manure (6:1 cattle to chicken)	7 corn 2 grass sillage
BGA 015	February	70% slurry (cattle) 30% manure (2.5:1 chicken to horse)	6.5 corn 1 grass silage
	April	60% slurry (cattle) 40% manure (3:1 chicken to horse)	5.5 corn 0.5 grass silage
	August	76% slurry (cattle) 24% manure (4:1 chicken to horse)	2 corn 6 rye silage 1 crushed corn
	October	71% slurry (cattle) 29% manure (4:1 chicken to horse)	6 corn 3 grass sillage 1 crushed corn