Table S1 Overview of the composition of input samples and bioenergy crops from the different

biogas plants investigated in 2012 (A) and 2013 (B)

Α

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

В

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